

```

# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- N&O home page: http://home.luna.nl/~ary/ -
----- Co-editors -----
- Logs: Patricia Johnston <patricia_johnston@bc.sympatico.ca> -
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.blackcatsystems.com/numbersDB/ -
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

```

-::: N&O #20 :::-

Winter approaches fast and the chance of good DX increases. Maybe I can hear the Korean, Chinese and the 1122 kHz Czech station myself one of these days. That would be nice :-)

The Korean stations were extensively covered during the past couple of months and this time I will focus on the various Intelligence organizations in both Koreas.

Instead of the monthly 'FAPSI intercepts' section, I have included an updated callsign/link id list and the schedules as noted during the past few months.

Note that the extended edition of N&O can be downloaded from the N&O home page (<http://home.luna.nl/~ary>)

The American Foreign Policy Council has a link page to a large number of Foreign Affairs Ministries at

<http://www.afpc.org/resources/mofas.htm#UN>

-o-o-o-o-o-o-o-o-o-o-

* VOICE STATIONS *

::: GUANGZHOU [V09]

Igor Buhtiyarov sent us an interesting note about the Chinese station "Guangzhou" [V09]. He logged the following message on 27 October at 1700 UTC on 7750 kHz. Igor analysed the message and came up with a surprising result.

- the message as copied by Igor

nr 29 gr 25

1862	9453	8352	4681	5293	1570	0181	9081	5383	6927
0921	8532	7432	3760	4378	4250	2861	1761	0093	8607
2793	0307	9207	3538	6148					

- arrange the groups in five columns

1862	9453	8352	4681	5293
1570	0181	9081	5383	6927
0921	8532	7432	3760	4378
4250	2861	1761	0093	8607
2793	0307	9207	3538	6148

- subtract the groups on the second line from the groups on the first line

1862	9453	8352	4681	5293
1570	0181	9081	5383	6927

0392	9372	9371	9309	9376

- subtract the groups on the third line from the groups on second line.

1570	0181	9081	5383	6927
0921	8532	7432	3760	4378

1659	2659	2659	2623	2659

- subtract the groups on the fourth line from the groups on third line.

0921	8532	7432	3760	4378
4250	2861	1761	0093	8607

6771	6771	6771	3777	6771

- subtract the groups on the fifth line from the groups on fourth line.

4250	2861	1761	0093	8607
2793	0307	9207	3538	6148

2567	2564	2564	7565	2569

What we see here is that after subtraction the results in each column is about the same: 927x, 2659, 6771 and 2564.

Errors by the transmitting party or while jotting down the numbers may have caused the differences. The question remains however whether this is a coincidence or not. If this is the normal procedure, what is the purpose of these messages? Are these training texts, or real messages with check groups?

Anyway, we need a lot more messages to see if the theory holds. It would be interesting to check out 'Beijing' and the CW stations as well. They all originate from the same source and you may expect the

same check groups in their messages as well. So, please send me all the messages that you can copy folks!

Thanks for your input, Igor. Most interesting!

::: CZECH STATION 2136

The Czech weekend station on 2136 kHz has now been logged on Monday and Tuesday at 1100 UTC. I don't know if this is a regular new sked or not. Reports please, ladies and gents!

::: EDNA SEDNITZER [G22]

G22 was copied on 21/10/99 at 2200 UTC on 4589 ID 886. I haven't seen a log in a very long time, but apparently the station is still alive and kicking. Logs and skeds are most welcome!

::: OBLIQUE [E11]

Guy reports another E11 transmission on Tuesday at 1300 on 8033 kHz. ID is 183/00.

::: 3-NOTE ODDITY [G04]

Hans-Friedrich's monthly analyses

07.11.99 2105Z 3.910 kHz (Interference by an Irish broadcaster)

2135Z 3.810 kHz

^^^

winter time

Message : 51817 70208 50801 45221 26272 10358 04707 80188 35713 56074

52546 35826 68122 78455 00125 82580 80606 61776 64233 78800

48444 36043 16347 12851 08638 81447

= 26 groups

Analysis: Frequent groups : -

First two figures : 00125

04707

08638

10358

12851

16347

26272

35713

35826

Last three figures: 36043

56074

68122

00125

80188

70208

45221

64233

26272

36043	16347
45221	10358
48444	48444
50801	81447
51817	78455
52546	52546
56074	82580
61776	80606
64233	08638
68122	04707
70208	35713
78455	61776
78800	78800
80188	50801
606	51817
81447	35826
82580	12851

Remarks : Very strange transmission:

- * no double or triple groups
- * only two groups with the same two figures
- * no groups with the same last three figures
- * no figure "9" in the whole message
- * groups with "0" as first figure

History : Summer 2005 2035 Winter 2105 2135
 See older N&O's for pre-1999 freqs

01/99	3415	3315
02/99	3905	3805
03/99	4520	4420
04/99	5310	5210
05/99	5570	5470
06/99	5720	5620
07/99	5680	5580
08/99	5730	5630
09/99	5320	5220
10/99	5320	5220
11/99	3910	3810

::: COUNTING STATION [E05]

Several people reported 'strange behaviour' of E05. Don't worry guys, there is nothing wrong, you just copied a couple of test messages. Igor sent me one of the test messages that he copied.

Count 215

Text: 12345 23456 34567 45678 56789 67890 09876 98765 87654 76543
65432 54321 etc.

215 groups in total. Ends with slow dots.

::: NANCY ADAM SUSAN [E15]

On request E15's schedule

UTC	frequency	callsign
1100	18000	BEC - Baker Edward Charlie
1200	17502.5	WSP - William Susan Peter
1230	11170	MSA - Mary Susan Adam
1300	11000	BEC - Baker Edward Charlie
1400	14000	FYP - Frank Young Peter
1630	6716	MSA - Mary Susan Adam
1700	14000	FYP - Frank Young Peter
1730	5834	MSA - Mary Susan Adam
1800	5834	WSP - William Susan Peter
1900	4130	SAR - Susan Adam Robert
2000	5530	NAS - Nancy Adam Susan
2100	4130	OSS - Otto Susan Susan

::: ENGLISH MAN [E07]

Historic skeds analysis and new skeds by Hans-Friedrich

E07 Mon 95/01 1830	4630 139	E07 Fri 94/01 2220	4632
E07 Mon 95/02 1830	5740 139	E07 Fri 94/02 2100	7743
E07 Mon 99/05 2011	10774 172	E07 Fri 95/04 1800	9061 479
E07 Mon 99/07 2003	12178 172	E07 Fri 95/04 1800	9061 479
E07 Mon 99/08 2000	12172 174	E07 Fri 95/03 2100	7727 783
E07 Mon 99/08 2010	10727 174	E07 Fri 95/03 2100	7727 783
E07 Mon 99/08 2020	10727 174	E07 Fri 94/02 2100	7743 785
E07 Mon 99/08 2040	9417 174	E07 Fri 94/02 2200	4581 785
E07 Mon 99/06 2000	13383 343	E07 Fri 95/02 2100	7743 785
E07 Mon 95/04 1800	9061 479		
E07 Mon 99/03 2122	5267 825	E07 Sat 94/01 2110	5782 182
E07 Mon 99/03 2141	4559 825	E07 Sat 98/12 2145	10275 624
E07 Mon 98/12 2121	5108 915	E07 Sat 96/08 1940	15672 827
E07 Mon 98/12 2141	4558 915	E07 Sat 94/09 0730	12220 921
E07 Mon 96/01 2150	4631 916		
E07 Mon 99/01 2110	5166 916	E07 Sun 95/03 2000	6819 037
E07 Mon 99/04 2002	9982 919	E07 Sun 95/04 2000	8118 165
E07 Mon 99/04 2010	8189 919	E07 Sun 94/01 2110	5782 182
E07 Mon 96/02 2140	4602 946	E07 Sun 95/01 2110	5782 182
E07 Mon 94/07 2000	8187 961	E07 Sun 95/08 2000	9179 212

E07 Tue 95/01 1830	4630	139	E07 Sun 95/12 2000	5318	216
E07 Tue 95/02 1845	5740	139	E07 Sun 96/01 2000	5374	419
E07 Tue 94/06 1900	16237	342	E07 Sun 96/01 2010	4474	419
E07 Tue 94/06 1920	16237	342	E07 Sun 95/07 2000	10237	485
E07 Tue 94/07 1900	14742	507	E07 Sun 95/10 2000	6788	561
E07 Tue 95/07 1900	14742	507	E07 Sun 96/03 2000	6778	695
E07 Tue 95/05 2200	10662	616	E07 Sun 96/03 2010	5775	695
E07 Tue 98/12 1833	6947	697	E07 Sun 95/09 2000	7779	730
E07 Tue 94/08 1840	14449	944	E07 Sun 94/08 2010	13472	827
E07 Tue 94/08 1900	13421	944	E07 Sun 94/11 2110	5838	879
			E07 Sun 96/11 2054	6739	879
			E07 Sun 93/11 2100	6738	???
E07 Wed 99/07 2000	12150	144	E07 Sun 94/02 2055	8167	???
E07 Wed 99/07 2010	11490	144			
E07 Wed 96/08 2010	10727	174			
E07 Wed 99/08 2000	12172	174			
E07 Wed 99/08 2010	10727	174			
E07 Wed 99/08 2020	10727	174			
E07 Wed 99/08 2040	9417	174			
E07 Wed 94/08 2200	9063	324			
E07 Wed 93/08 2200	8142	342			
E07 Wed 99/06 2000	13383	343			
E07 Wed 99/06 2010	11424	343			
E07 Wed 94/12 2300	5755	471			
E07 Wed 94/12 2310	5077	471			
E07 Wed 94/07 2200	10117	746			
E07 Wed 98/12 2121	5107	915			
E07 Wed 98/12 2140	4558	915			
E07 Wed 96/01 2130	4631	916			
E07 Wed 96/01 2150	4631	916			
E07 Wed 93/09 2200	8159	921			
E07 Wed 96/02 2140	4602	946			
E07 Wed 95/04 1840	6939	???			

What can we see?

- In winter E07 uses more the 2000-2300Z slot, in summer 1900-2200Z.
- Most SNs last only for one month. Sometimes they come back one year later on the same frequency (cf. 785 on Wednesday)
- The behaviour with two reparts +20 and +40min after the first broadcast resp. one repeat +10min after for null messages can be observed already in June 94 (cf 342 on Tuesday)
- First SN - Frequency relationship (SNF): December 98 with 915 on 5107 and 4558 (2nd and 3rd transmission) on Wednesday.
- 174 existed in August 96 on Wednesday. It popped up again in August 99 as part of SNF. Pure coincidence?
- Many SNs have also a repeat on the following day (or the following days)

139 1830	Mon	Tue		
174 2000	Mon	Wed		
182 2110			Sat	Sun
343 2000	Mon	Wed		
479 1800	Mon		Fri	
827 1940			Sat	Sun
915 2100	Mon	Wed		
946 2140	Mon	Wed		

 Presently (End of October 99) we have the following schedule:

Mon/Wed	Summer (04-09)	2000/2020/2040	resp.	2000/2010	SNF
	Winter (10-03)	2100/2120/2140	resp.	2100/2110	

Can someone fill the blank frequencies?

12/98	/	5107/	4559	915
01/99	/	5166/		916
02/99	/	5267/	4559	825
03/99	/			
04/99	9982/	8189/		919
05/99	12178/	10774/		172
06/99	13383/	11424/	10387	343
07/99	12150/	11490/		144
08/99	12171/	10727/	9417	174
09/99	10327/	8192/	6957	319
10/99	6849/	/		???

Only in June 99 I heard a second E07:

Tue	2100/2120/2140	resp.	2100/2110	SNF
06/99	/	12197/	10947	320

-o-o-o-o-o-o-o-o-o-o-

* MORSE *

::: HEP [M28]

The station was heard once in early October but is now really gone.

::: M76

Guy sent me a note that M76 is back audible again here in W.Europe.
 It was first heard on Monday 1 November on 3819, at 1750, not a very
 good signal but still same format.

Some of the IDs were 306 ?? 298 8 265 26 205 8

::: SLOVAK MILITARY

A Slovak military station near Zilina transmits on various 3 and 4 MHz frequencies in both CW and RTTY. I copied the station transmitting 'FCQR FCQR FCQR = A7KG A7KG A7KG K' in slow morse on 4395.6 and in 50bd RTTY on 4396. There is a space between each character. At 00.00 UTC a message was sent: '== QOR PQVPP' (== 194 01v00) and then back to its FCQR = A7KG routine. The callsigns and frequencies change regularly.

::: CZECH MILITARY

VLDR seems to have a fixed schedule at h+00, h+15, h+30, and h+45. Transmissions often begin a few minutes earlier or later.

Frequencies:	2506	2508	2785	3169	3214	3398	3951	4004
	4025	4443	4511	4562	4751	4787	5226	kHz

Sample message:

J7VT J7VT J7VT DE VLDR VLDR VLDR QTC 181 ar
J7VT J7VT J7VT DE VLDR VLDR VLDR QTC 5 20 21 0128 =
181 J7VT = 20 5LGs = VLDR K

Message explained:

VLDR sent a message to J7VT which is destined for '181'.
'4' is the message number, '20' is de group count, '21' is the date,
'0128' is the time in CET.

::: ODDITY

A mysterious log from Alf really puzzles me. An unid station sent the following on 6952 kHz on 9 Oct at 1045 UTC in CW.

'NR1=18257 II NR1=18257= NR2=35165 II NR2=35165= NR3=73028 II
NR3=73028 K SVC 19600 31947 II 19600 31947''

and between the messages

'CQ DE URL ANS 12458,5/16658,5 QSO K'
'CQ DE A9M''

Weird! 'URL' is the callsign of Sevastopol Radio and 'A9M' is the call sign of Bahrain Radio. 'SVC' is a common code for 'service' and is mainly used by maritime radio operators. It looks like someone was transmitting recorded messages from several stations. A pirate perhaps? If anyone has more info, please yell!

-o-o-o-o-o-o-o-o-o-o-

Link	sender	to c/s	station / location	country
------	--------	--------	--------------------	---------

RCF		MFA Moscow	RUS 1)
RRA		Moscow	RUS
	ACD		
	BLA		
	BNV		
	BXL		
	CMU		
	DMA		
	DPL		
	DPU		
	DSG		
	EWX 42		
	EWZ 40		
EWZ 42		Moscow	RUS
	FJN		
	FRU		
	GLK		
	GSW		
	KDN		
KNY 31	LCU	Russian embassy, New York	USA
	LSG		
RK2	M4W	SVR Moscow	RUS
	NDO		
	NMZ		
	OBX		
	OTD		
	OWR		
	PTF		
RFA		Moscow	RUS
M4W	RK2	Mossad	ISR
RKD		Moscow	RUS
RKG		Moscow	RUS
	RKM		
	RLJ		
	RMM		
	RQO		
	RSS		
	RXX		
	RZJ		
	SCJ		
	TRP		
	USN		
	UXG		
	WKL		
	WNK		
00018			RUS
00029		Moscow	RUS
00030	RGA	BFR	RUS

00030	BFR	RGA		
00031	WCD	LKF		RUS
00031	LKF	WCD	Moscow	
00052	YOA	NQX	Moscow	RUS
00052	NXQ	YOA	Moscow	RUS
00054	UDZ 21		Moscow	RUS
00063			Moscow	RUS
00070		RAU	Moscow	RUS
00075				
00079		UGO		
00090		GOD		
00096			Moscow	RUS
00097			Moscow	RUS
00098		VTX	Moscow	RUS
00099		RSZ	Moscow	RUS
00103	YFC	COY 851		2)
00103		U1K		2)
00103	COY 851	YFC	Cuba Relay	CUB 2)
	COY 851	TRO	Cuba Relay	CUB 2)
00104				
00107				
00110		XQW		
00116		BPA	Cuba Relay	CUB
00117		HZW	Cuba Relay	CUB
00119		GMN	Russian embassy, Mexico City	MEX 3)
00125	WFO	MIG	Russian embassy, Managua	NCG
00125	MIG	WFO	Russian embassy, Havana	CUB
00126		PSN		
00127		JMS	Cuba Relay	CUB
00128		KAC	Cuba Relay	CUB
00135		BAR	Cuba Relay	CUB
00139		WNY	Cuba Relay	CUB
00142		KUL	Moscow	RUS
00148		YBU	Cuba Relay	CUB
00149	RVV	DZR	Moscow	RUS
00149	DZR	RVV		
00155		UMK		
00162				
00166		VKX	Moscow	RUS
00168		BPA		
00168		SPK	Cuba Relay	CUB
00169		KMI		
00177		RSZ		4)
00178		KRN		
00190		JSC		5)
00190		POU	Moscow	RUS
00198			Moscow	RUS
06019			Moscow	RUS

07039			Moscow	RUS
10024				
10042	RPR	AVK	Moscow	RUS
10042	AVK	RPR	Moscow	RUS
10053				RUS
10075	ZND	RYS		
10075	RYS	ZND		
10079				
10163		UDZ 27	Moscow	RUS
11230			Moscow	RUS
12311			Moscow	RUS
20043			Moscow	RUS
20054				RUS
20076				
20087	RVC 47	RBP 71		
20087	RBP 71	RVC 47	Moscow	RUS
30011			Moscow	RUS
30022	KUA	KKK	Russian embassy, Baghdad	IRQ 3)
30022	KKK	KUA	Moscow	RUS
30044			Moscow	RUS
30088		RCX 81	Moscow	RUS
40007			Moscow	RUS
40023			Moscow	RUS
40034	UXW	RLX	Russian embassy, London	G 3)
40034	RLX	UXW	Moscow	RUS
40078				
40878				
43323			Moscow	RUS
50002		CAZ	Moscow	RUS
50035		JUA	Moscow	RUS
50079		UGO		
50080				
60003		FQX	Moscow	RUS
60015			Moscow	RUS
60047	URO	DCW	Moscow	RUS
60047	DCW	URO	Moscow	RUS
60069		EZW 42	Moscow	RUS
60089				
60179			Moscow	RUS
70004		NOB	Moscow	RUS
70026			Moscow	RUS
70037		RAD	Moscow	RUS
70060		DKR	Moscow	RUS
80031				
80038		RPO	Moscow	RUS
80050			Moscow	RUS
80061	WQL	VNB		
80061	VNB	WQL	Moscow	RUS

90039			Moscow	RUS
90051	URS	RJA		
90051	RJA	URS	Moscow	RUS
90057				
90223			Moscow	RUS

- 1) RCF is inactive. Callsign is replaced by many others
- 2) U1K noted once. Probably not a callsign. In the past COY 851 was wkg TR0. This was before the time that links were introduced
- 3) Location not confirmed
- 4) Id or link most probably incorrect. RSZ's link id has always been 00099
- 5) JSC has either been replaced by PSN, or may be the other side of the link. JSC hasn't been logged for quite a while

* FREQUENCIES LOGGED IN 1999 *

7944	0030		U1K	00103 probably not a c/s. 00103 = COY851
8071	1848		USN	
8143	1830	RVV	DZR	00149
8180	1800			40078 after 6-tone selcall
9197	1850	RLX	UXW	40034
9216	0050		GMN	00119
9272	1630		KMI	00169
10328	1520		BPA	00116
10442	1540		VTX	00098
10482	0900	WQL	VNB	80061
10584	1420		KUL	00142
10767	1500	RGA	BFR	00030
10767	1609		NOB	70004
11014	1430		NOB	70004
11032	1710			40023 CROWD36
11436	1120	KKK	KUA	30022
11455	1800		NOB	70004
11460	1620	DCW	URO	60047
11473	1455		NOB	70004
11637	0045		GMN	00119
12087	0847			00107
12101	1120		SPK	00168
12167	1300		NOB	70004
12172	1315		NXQ	00052
12176	1315		NXQ	00052
12176	1315	YOA???		
12180	1320		RAU	00070
12183	1653			20043

12187	1420		NOB	70004	
12193	1410		KUL	00142	
12197	1620	URO	DCW	60047	
12211	0930	UXW	RLX	40034	
12239	1310	BFR	RGA	00030	
12239	1500	BFR	RGA	00030	
13366	1730		POU	00190	
13371	1750		POU	00190	
13410	1215			20076	
13433	0740	WQL	VNB	80061	
13450	0730	WQL	VNB	80061	
13451	2244		PSN	00126	
13452	2230		JMS	00127	
13552	1250		RCX81	30088	
13556	2008		HZW	00117	
13850	1315		YOA	00052	
13935	1240		UGO	00098	
14373	2058		KAC	00128	
14402	1200			00104	
14419	0800			00018	CROWD36
14426	0930	UWX	RLX	40034	
14427	1620		EZW42	60069	
14434	1745		KRN	00178	
14440	0820		GSW		
14457	2245	MIG	WFO	00125	
14502	1330		NOB	70004	
14532	1100		SPK	00168	
14532	1120		SPK	00168	
14711	1320		NOB	70004	
14720	1250			40078	
14730	1300			20076	
14731	1505		BPA	00116	
14810	1039				USB in Russian followed by PSK
14817	0832			40023	
14843	2230		JMS	00127	
14860	1000		UGO	00079	
14941	1808		WNY	00139	
14980	1310		HZW	00117	
14980	1310		RAU	00070	
15904	1132		NOB	70004	
15943	1256		NOB	70004	
16008	0945		UDZ27	10163	QSY from primary freq of 17473
16023	1412		PSN	00126	
16023	1554		PSN	00126	
16023	1906		PSN	00126	
16023	1942		PSN	00126	
16129	0830		M4W		Israeli intelligence to RK2 Moscow
16130	0950	RYS	ZND	10075	

16152	1544		EZW42	60069
16152	1550		EZW42	60069
16156	1502		KMI	00169
16151	1230			10053 CROWD36
16218	2000		HZW	00117
16223	0930	RLX	UXW	40034
16223	1500	RLX	UXW	40034
16228	1540	RLX	UXW	40034
16230	1340			40078
16236	0720		RLJ	
16250	0830		UGO	00079
16257	0835		RJA	90051
16257	1708		RJA	90051
16258	0902		RJA	90051
16260	1310			20076
16277	1540		EWZ42	60069
16285	0840		RSZ	00177
16295	0820	RVV	DZR	00149
16295	1550	RVV	DZR	00149
16302	0930		UGO	00079
16320	0820		GSW	
16330	0950		UGO	00079
16345	0750		KMI	00169
17416	1735		KRN	00178
17422	1545		JUA	50035
17423	1100		VKX	00166
17430	0540			30044
17460	0930	RYS	ZND	10075
17463	1745		UDZ27	10163
17470	0520			40078
17473	0915		UDZ27	10163
17473	0940		UDZ27	10163
17475	0840		RPO	80038
17519	1410		RCX81	30088
17534	0910		RCX81	30088
18048	1110		SPK	00168
18048	1810		SPK	00168
18169	1720		SPK	00168
18172	0835	RJA	URS	90051
18207	1245	RVV	DZR	00149
18210	1050	RVV	DZR	00149
18210	1536	RVV	DZR	00149
18210	1607	RVV	DZR	00149
18210	1610	RVV	DZR	00149
18247	0930	RYS	ZND	10075
18247	0930	ZND	RYS	10075
18247	0950	RYS	ZND	10075
18332	0745	AVK	RPR	10042

18332	0820	AVK	RPR	10042
18373	1500		UDZ21	00054
18401	2050		KAC	00128
18410	0900			40078
18620	0940		UGO	00079
18725	0820		RPO	80038
19072	1410		RCX81	30088
19088	1800		HZW	00117
19228	1000			00075
19354	0800		RPO	80038
19415	1005		CAZ	50002
19415	1010		CAZ	50002
19535	0745	AVK	RPR	10042
19605	0930		UDZ27	10163
19875	1502		FBR?	
19923	2255		PSN	00126
19923	2314		PSN	00126
20170	1020		CAZ	50002
20277	0630		VTX	00098
20340	0745	RPR	AVK	10042
20425	0920		UDZ21	00054
20655	0550			30044
20694	0820		RPO	80038
20741	1800		SPK	00168
20912	1030			00075
20926	0749			60089
20938	0930		RCX81	30088
22865	2240		PSN	00126
22880	0940		UGO	00079
22917	0740	AVK	RPR	10042
23130	0710		EZW42	60069
23130	1450		EZW42	60069
23390	0745	AVK	RPR	10042

-O-O-O-O-O-O-O-O-O-O-

★ INTELLIGENCE NEWS ★

MOSCOW TARGETS PRAGUE AS SPY HUB FOR CENTRAL EUROPE

"Russian spies are rebuilding a vast espionage network in the Czech Republic at a time when the country is being integrated into NATO's command structure as one of its newest members," the London Daily Telegraph reports. "Prague has now become the regional center of operations for Russia's military intelligence agency, the GRU."

UNUSUALLY LARGE SPY PRESENCE AT RUSSIAN EMBASSY

"According to a confidential Czech government report, seen by the Telegraph, half of the 63 diplomats and 104 other staff at Russia's

palatial Prague embassy are spies protected by diplomatic immunity - giving them a safe window on the West. There are significantly more Russian diplomats in Prague than in the other NATO newcomers Poland and Hungary. In Britain, which has a population six times that of the Czech Republic, Moscow has only 47 diplomats at its London embassy," according to the Telegraph.

CZECH GOVERNMENT SEEMS UNCONCERNED

"Prague's Social Democratic government, eager to foster warm relations with Moscow, has shown little apparent concern. Ministers also appear somewhat ambivalent towards NATO," the Telegraph reports. "Michal Zantovsky, chairman of the Czech senate's foreign affairs committee, asked: 'Is the Czech counter-intelligence service [the BIS] actually interested in unmasking Russian agents, or has it reconciled itself to their presence here?'"

CZECH TARGETS OF RUSSIAN SPY OFFENSIVE

"The 16-page [Czech] counterintelligence summary adds that Russian spies are seeking to establish networks among high-priority groups, including left-wingers, ambitious young politicians, trade unionists, businessmen with Russian connections and students. Policemen and army officers also have been approached. The spymasters are added by a number of 'illegals' -agents without diplomatic immunity. These are thought to include former Red Army officers who married Czechs during the Cold War, and Russian businessmen," according to the Telegraph. "The Czechs even suspect that Moscow's spies have gone into business with the Russian mafia to help overcome cuts in funding imposed since the end of the Cold War. . . .

Embassy staff are active in hiring new agents and reviving dormant networks left behind when Soviet forces withdrew eight years ago."

<sources: Russia Reform Monitor, No. 706 (American Foreign Policy Council, Washington, D.C.), Daily Telegraph>

-o-o-o-o-o-o-o-o-o-o-

★ AGENCY PROFILE - NORTH AND SOUTH KOREA ★

::: NORTH KOREA

- Country profile

North Korea, or better, the Democratic People's Republic of Korea (DPRK) measures 120,540 km². Its capital is Pyongyang.

The country is divided in 9 provinces (do): Chagang-do, Hamgyong-namdo, Hamgyong-bukto, Hwanghae-namdo, Hwanghae-bukto, Kangwon-do, P'yongan-bukto, P'yongan-namdo, Yanggang-do, and 3 special cities (jikhalsi); Kaesong-si, Namp'o-si, P'yongyang-si.

DPRK's Defense Forces consist of the following branches: Korean People's Army (including the Army, Navy, Air Force), Civil Security Forces.

Intelligence agencies:

- Cabinet General Intelligence Bureau
- Civil Defence Bureau
- Coastal and Port Security Police
- General Association of Korean Residents in Japan
(Chosen Soren - Zainichi Chosenjin Sorengokai)
- General Bureau of Security Guards
- General Staff Department
- Instruction Guidance Unit
- Liaison Bureau/Department of the Korean Workers Party
- Ministry of People's Armed Forces
- Ministry of Public Security
- People's Border Guards
- Reconnaissance Bureau
- Research Department for External Intelligence (RDEI)
- State Security Department
- Workers' and Peasants' Militia (Red Guard)

- Cabinet General Intelligence Bureau

The majority of the North Korean intelligence agencies are within the Cabinet General Intelligence Bureau of the Korean Worker's Party Central Committee.

The Liaison Department is responsible for conducting intelligence operations in South Korea and Japan. Its agents are used to undermine the South Korean government by supporting internal subversion and to gather information on U.S. forces in Korea.

The Research Department for External Intelligence (RDEI) is the primary agency responsible for foreign intelligence collection. The RDEI is composed of four geographic subsections, one of which is North America.

- General Association of Korean Residents in Japan (Chosen Soren)

Chosen Soren (the General Association of Korean Residents in Japan Zainichi Chosenjin Sorengokai), the association of Korean residents in Japan, is North Korea's de facto embassy in Tokyo. Since Chosen was the formal name of Korea when Japan ruled the peninsula, and Japan does not have diplomatic relations with the North, Korean nationals who do not change their nationality to South Korea remain Chosen nationals. The Chosen Soren (in Japanese), or Chongryon (in Korean), was founded on May 25, 1955. Its organizational structure

includes the headquarters in Tokyo, prefectural and regional head offices and branches with 18 mass propaganda bodies and 23 business enterprises.

Gakushu-gumi is Chosen's underground organization, which is a quasi-formal body of the North Korean Workers' Party. Gakushu-gumi, with a membership estimated at 5,000, engages in intelligence activities and political maneuverings against South Korea. The Chosen Soren supports intelligence operations in Japan, assists in the infiltration of agents into South Korea, collects open source information, and diverts advanced technology for use by North Korea.

- Reconnaissance Bureau

The Reconnaissance Bureau of the General Staff Dept is responsible for collecting strategic, operational, and tactical intelligence for the Ministry of the People's Armed Forces. It is also responsible for infiltrating intelligence personnel into South Korea through tunnels under the demilitarized zone and seaborne insertion.

By any consideration North Korea has one of the world's largest special operations forces. Estimates of the size of the army's special operations forces ranged from 60,000 persons to over 100,000 persons. The uncertainty over the number derives from both the lack of information and the varying definitions of special operations forces. Organized into 22 brigades and at least seven independent battalions, the special operations forces are believed to be the best trained and to have the highest morale of all North Korean ground forces.

The Ministry of the People's Armed Forces controls the bulk of the special operations forces through one of two commands, the Reconnaissance Bureau and the Light Infantry Training Guidance Bureau. The Reconnaissance Bureau is the primary organization within the Ministry of People's Armed Forces for the collection of strategic and tactical intelligence. It also exercises operational control over agents engaged in collecting military intelligence and in the training and dispatch of unconventional warfare teams.

- State Security Department

The Ministry of Public Security and the State Security Department are responsible for internal security. Although both are government organs, they are tightly controlled by the party apparatus through the Justice and Security Commission and the penetration of their structures by the party apparatus at all levels. The formal public security structure is augmented by a pervasive system of informers throughout the society. Surveillance of citizens, both physical and

electronic, also is routine.

In 1973 political security responsibilities were transferred from the Ministry of Public Security to the State Security Department, an autonomous agency reporting directly to the President. The State Security Department carries out a wide range of counterintelligence and internal security functions normally associated with "secret police." It is charged with searching out anti-state criminals -a general category that includes those accused of antigovernment and dissident activities, economic crimes, and slander of the political leadership. Camps for political prisoners are under its jurisdiction. It has counterintelligence responsibilities at home and abroad, and runs overseas intelligence collection operations. It monitors political attitudes and maintains surveillance of returnees.

The Border Guards are the paramilitary force of the Ministry of Public Security. They are primarily concerned with monitoring the border and with internal security.

- Ministry of Public Security

The Ministry of Public Security and the State Security Department are responsible for internal security. Although both are government organs, they are tightly controlled by the party apparatus through the Justice and Security Commission and the penetration of their structures by the party apparatus at all levels. The formal public security structure is augmented by a pervasive system of informers throughout the society. Surveillance of citizens, both physical and electronic, also is routine. In 1973 political security responsibilities were transferred from the Ministry of Public Security to the State Security Department, an autonomous agency reporting directly to the President.

::: SOUTH KOREA

- Country profile

The Republic of Korea, or ROK, measures 98,480 km². Its capital is Seoul. The country is divided in 9 provinces (do); Cheju-do, Cholla-bukto, Cholla-namdo, Ch'ungch'ong-bukto, Ch'ungch'ong-namdo, Kangwon-do, Kyonggi-do, Kyongsang-bukto, Kyongsang-namdo, and 6 special cities (jikhalsi); Inch'on-jikhalsi, Kwangju-jikhalsi, Pusan-jikhalsi, Soul-t'ukpyolsi, Taegu-jikhalsi, and Taejon-jikhalsi.

The Defense Forces consist of the following branches: Army, Navy, Marines Corps, and Air Force.

Intelligence agencies:

Civilian Defence Corps

Coast Guard
Defense Security Command (DSC)
Homeland Defence Forces (Regional Combat Forces)
Korean National Police Force (KNP)
Marine Police
Ministry of the Interior
National Information Agency (NIA)
[formerly Agency for National Security Planning (ANSP)
formerly Korean Central Intelligence Agency (KCIA)]

- General

After the division of the peninsula, North Korea used subversion and sabotage against South Korea as part of its effort to achieve reunification, but was unsuccessful at developing a covert political infrastructure in South Korea, and after the early 1960s P'yongyang's efforts were unproductive. Based on available evidence, in 1990 it appeared that P'yongyang placed or recruited only a limited number of political agents and sympathizers in the southern part of the peninsula. P'yongyang's agents acted individually for the most part, did not maintain regular contact with one another, and received only intermittent support and guidance.

Peacetime infiltration by North Korean agents was a fact of life in South Korea after the armistice in 1953. There were, however, clear shifts both in the number and method of infiltrations over the years and in their goals. Through the mid 1960's, P'yongyang sent agents primarily to gather intelligence and to try to build a covert political apparatus. This tactic was followed by a dramatic shift to violent attempts to destabilize South Korea, including commando raids along the Demilitarised Zone that occasionally escalated into fire-fights involving artillery. These raids peaked in 1968, when more than 600 infiltrations were reported. From the mid-1970's to the early 1980s, most North Korean infiltration was done by heavily armed reconnaissance teams, which increasingly were intercepted and neutralized by South Korean security forces. Later infiltration by sea became more popular.

The threat from within was a bigger problem. Discontent with the government was kept under control until 1987 by the regime's extensive security services ANSP, DSC, and KNP. Both the ANSP and the DSC not only collected domestic intelligence but also continued "intelligence politics."

Listening to North Korean radio stations remained illegal in the early 90's. The same goes for subversive, pro-North Korean, or pro-communist publications. Authors, publishers, printers, and distributors of such material were subject to arrest.

- The Agency for National Security Planning
[renamed National Information Agency (NIA)]

The Agency for National Security Planning (ANSP) was originally established on June 19, 1961 as the Korean Central Intelligence Agency (KCIA) directly under the Supreme Council for National Reconstruction in the immediate aftermath of the May 16, 1961, military coup. Its duties were to "supervise and coordinate both international and domestic intelligence activities and criminal investigation by all government intelligence agencies, including that of the military." Its mission was akin to that of a combined United States CIA and FBI.

ANSP's ancestry goes back to the Tonghak Peasant War of the 19th century. Since then various rulers of Korea have been using political terrorism backed by foreign powers even to the extreme of selling out Korea to Japanese colonization. It should be recalled that the ruling elite of the Chosun Dynasty wanted Japan to take over. Japan did not invade and occupy Korea, as claimed by some South Korean historians (presumably to cover up the shameful act of the pro-Japanese rulers.)

During 1945-48, the US Army CIC (Counter Intelligence Corps) recruited several thousand Koreans who had worked for the Japanese police prior to 1945 hunting down Korean nationalists. These former Japanese police and informants were organized into ROKA CIC ("KCIC") in 1948. The "KCIC" became "KCIA" after the Korean War and later "ANSP".

Whatever the cover name, the main mission of these folks has been suppression and elimination of political opponents of whoever occupying the 'Blue House'.

- The Defense Security Command (DSC)

In 1952 Rhee proclaimed martial law and granted political involvement of the military in intelligence activities. Two military units -the Joint Military Provost Marshal and the army Counterintelligence Corps (CIC)- engaged in extralegal and violent political tactics.

In the 60's, the Provost Marshal's political role declined, while the CIC and its successor, the Army Security Command (ASC), concentrated on internal military security.

The Defense Security Command was formally activated in October 1977. This merger of the ASC, the Navy Security Unit, and the Air Force Office of Special Investigations produced a single, integrated unit under the direct command and operational control of the Minister of National Defense. Although technically subordinate to the minister, the DSC commander operated semi-autonomously and typically had

personal, direct access to the president. Given the disparity in service size, the old ASC predominated within the DSC.

The end of the 5th Republic brought the DSC under even more pressure than the ANSP to cut back on its domestic political activities. Both the DSC and the ANSP withdrew from the National Assembly at the same time in 1988. In October 1988, the Minister of National Defense reported to the National Assembly that the DSC would concentrate on counterespionage activities, preventing the spread of communism, and would discontinue the investigation of civilians. Subsequently, the DSC eliminated the Office of Information that had been charged with collecting information on civilians, whose members had been active in local government offices. As a result of this move, 116 small detachments were disbanded.

- Korean National Police (KNP)

Organized by the United States Army Military Government in 1945, the Korean National Police force was formally activated in 1948 by the new Korean government and placed under the Ministry of Home Affairs. Even after the establishment of a separate military service in 1948, the police force retained a paramilitary role and was employed in military operations during the Korean War.

Attacked in its early years as a remnant of Japanese colonial rule, the Korean National Police nonetheless still evolved into a relatively modern and effective force. Reforms made after the 1961 military coup began the police force's slow evolution into a professional force. Further improvements came during the 1970s when modern communication, data processing, and crime detection practices were introduced.

In addition to the regular police functions of law enforcement, criminal investigation, and public safety, the KNP is responsible for riot control, countering student demonstrations, and other public disorders. Coastal security, antismuggling operations, coordinating counterespionage operations with the navy and the air force, are also its purview. Combat operations against small-scale North Korean infiltration attempts; the monitoring of foreign residents in South Korea; anti-communist operations, including counter-intelligence activities; are all part of the mission of the KNP. There sometimes is competitive overlap between the KNP, ANSP, and the DSC.

The police station is responsible for maintaining public peace within its own precinct. The police station had seven functioning sections: an administration and public safety section, responsible for operation and supervision of police substations and boxes, litigation of minor offenses, traffic control, and crime prevention; a security section, responsible for maintaining public order; an investigation section for

investigating criminal incidents, lawsuits, booking criminals, custody of suspects, detention-cell management, and transference of cases and suspects involved in criminal cases to prosecution authorities; a criminal section responsible for crime prevention; a counterespionage section; and an intelligence section, responsible for collection of intelligence and information. The police substation or police box takes preliminary actions in all criminal incidents, civic services, and accidents.

<Sources: World Factbook, FAS, Encarta, Intelligence Threat Handbook, Intelligence Watch Report, Library of Congress Country Studies>

-0-0-0-0-0-0-0-0-0-0-

★ LOGS SECTION ★

2136.0 Czech station. message finished at 17.52 then a few tones message again 17.54-17.59 USB 05/11/1999 Fri 1745 (SG). Czech station. Off at 17.56 USB 09/11/1999 Tue 1745 (SG). Czech station. started with tones for about 1 minute then message followed by more tones + msg USB 10/11/1999 Wed 1745 (SG). Czech station. start at 17.45 with tones followed by message USB 11/11/1999 Thu 1745 (SG). Czech station. same format as previous logs USB 12/11/1999 Fri 1745 (SG). Czech station. Broadcasts 7 days a week. Begins with sets of tones. USB 27/11/1999 Sat 1745 (SG)

2548.0 M51 NR 79 // 3957 CW 02/11/1999 Tue 2103 (VM)

2548.0 M51 NR 56 // 3957 CW 03/11/1999 Wed 2350 (VM)

2548.0 M51 NR 03 // 3957 CW 04/11/1999 Thu 2316 (VM)

2550.0 M51 NR 11 //3959. CW 21/10/1999 Thu 2155 (VM)

2550.0 M51 NR 01. CW 27/10/1999 Wed 2152 (VM)

2550.0 M51 NR 44 //3959. CW 28/10/1999 Thu 2204 (VM)

2591.0 Strange transmission being heard in South Wales about s9++. 11/11/1999 Thu 0145 (MW)

2591.0 Strange transmission being heard in Sweden about s7-s9. 12/11/1999 Fri 0515 (TE)

2591.0 Strange transmmision being heard in Amsterdam about s9+10. 12/11/1999 Fri 0705 (FVG)

3150.0 M08 In progress CW 01/11/1999 Mon 0700 (LAZ)

3195.0 XM Russian navy Ustinov, channel mrkr. 'R' CW 06/11/1999 Sat 2300 (AB)

3292.0 V02a A 31533 60143 54601 AM 30/11/1999 Tue 0200 (JM4)

3373.0 S04 342 190 138 In progress LSB 09/11/1999 Tue 2258 (VM)

3389.0 V02a in progress AM 30/11/1999 Tue 0100 (JM4)

3410.0 M17 70529 23 23 = CW 03/11/1999 Wed 2000 (ANON)

3670.0 M51 NR 06 // 5130 CW 16/11/1999 Tue 1836 (VM)

3670.0 M51 NR 15 // 5130 CW 18/11/1999 Thu 2019 (VM)

3687.0 M51 NR 30 // 5134.5 CW 04/11/1999 Thu 0629 (VM)
3692.0 M51 NR 09 //3692. CW 20/10/1999 Wed 0559 (VM)
3692.0 M51 NR 09 //5149. CW 20/10/1999 Wed 0559 (VM)
3692.0 M51 NR 41 //5149. CW 21/10/1999 Wed 0526 (VM)
3692.0 M51 NR 69 //5149. CW 27/10/1999 Wed 0547 (VM)
3710.0 M51 NR 22 // 5277 CW 08/11/1999 Mon 2159 (VM)
3710.0 M51 NR 34 // 5277 CW 09/11/1999 Tue 1855 (VM)
3810.0 G04 51862 70508 50801. AM 04/11/1999 Thu 2135 (AK)
3819.0 M76 C/S Missed 306 ?? 298 8 265 26 205 8 CW 01/11/1999
Mon 1652 (ANON)
3819.0 M76 JB67 DE CGM3 QTC 39 30 = CW 11/11/1999 Thu 1650 (ANON)
3819.0 M76 SMY5 DE TK9S QTC 54 28 = 325/10 313/8 265/26 CW
19/11/1999 Fri 0458 (ANON)
3819.0 M76 RUJQ DE QJUX QTC 57 29 = Rest U/r CW 21/11/1999 Sun
0459 (ANON)
3819.0 M76 3SUL DE SWQZ QTC 59 35 = 326/18 313/8 CW 22/11/1999 Mon
0459 (ANON)
3819.0 M76 CK03 DE 1SY6 QTC 60 33 = 326/18 313/8 CW 22/11/1999 Mon
1750 (ANON)
3819.0 M76 CK03 DE 1SY6 QTC 61 24 = 327/10 326/18 CW 23/11/1999
Tue 0500 (ANON)
3819.0 M76 81IE DE aVU2 QTC 62 23 = 326/18 265/26 205/8 CW
23/11/1999 Tue 1750 (ANON)
3819.0 M76 81IE DE aVU2 QTC 63 30 = 326/18 265/26 205/8 CW
24/11/1999 Wed 0500 (ANON)
3819.0 M76 P5QH DE MWEu QTC 65 26 = 326/18 265/26 205/8 CW
25/11/1999 Thu 0500 (ANON)
3819.0 M76 9TaY DE WAuJ QTC 66 23 = 326/18 265/26 205/8 CW
25/11/1999 Thu 1746 (ANON)
3927.0 V02a in progress AM 07/11/1999 Sun 0100 (JM4)
3957.0 M51 NR 61 CW 01/11/1999 Mon 2327 (VM)
3957.0 M51 NR 79 // 2548 CW 02/11/1999 Tue 2103 (VM)
3957.0 M51 NR 56 // 2548 CW 03/11/1999 Wed 2350 (VM)
3957.0 M51 NR 03 // 2548 CW 04/11/1999 Thu 2316 (VM)
3959.0 M51 NR 11 //2550. CW 21/10/1999 Thu 2155 (VM)
3959.0 M51 NR 40. CW 26/10/1999 Tue 1719 (VM)
3959.0 M51 NR 01 //2550. CW 27/10/1999 Wed 2152 (VM)
3959.0 M51 NR 44 //2550. CW 28/10/1999 Thu 2204 (VM)
3990.0 V02 Spanish Lady YL/SS - in progress AM 01/11/1999 Mon 0600
(LAZ)
4004.0 VLDR Czech military, wkg J7VT, msg to 181, 5lgs. CW
20/11/1999 Sat 2307 (AB)
4015.5 M08 CW 04/11/1999 Thu 0200 (BUNKY)
4016.0 M08 CW 11/11/1999 Thu 0200 (BUNKY)
4024.0 M51 NR 66 CW 10/11/1999 Wed 0737 (VM)
4025.0 M45 525 287 287 44 44 = = // 3525 CW 02/11/1999 Tue 1802
(ANON)
4028.0 V02 //7583.0 Spanish Lady YL/SS - in progress, v.weak AM

08/11/1999 Mon 1025 (LAZ)

4028.0 V02a Spanish Lady YL/SS - Atencion 45241 6???? ??922 - Loud buzzing (jammer?) washing AM 21/11/1999 Sun 0600 (LAZ)

4030.0 V02 //7583.0 Spanish Lady YL/SS - in progress AM 15/11/1999 Mon 1000 (LAZ)

4123.0 M13 284 = 182 29 = CW 05/11/1999 Fri 2100 (ANON)

4123.0 M13 284 = 182 19 = CW 19/11/1999 Fri 2100 (ANON)

4130.0 E15 ??? QRU. AM 05/10/1999 Tue 1900 (HFD)

4174.0 V02 Spanish Lady YL/SS - in progress @ 0709 AM 21/11/1999 Sun 0700 (LAZ)

4180.0 M03 287/00 Repeat Daily CW 06/11/1999 Sat 1630 (ANON)

4360.0 E10 VLB2, //5629. AM 10/10/1999 Sun 2045 (HFD)

4460.0 M29 VDE 34x2 14x2 1x2 1900x2 Repeat Daily CW 01/11/1999 Mon 2000 (ANON)

4461.0 V02a Spanish Lady YL/SS - Atencion 80??? ?????? ?????? AM 21/11/1999 Sun 1100 (LAZ)

4479.0 V02a A 09501 19321 23593 AM 03/11/1999 Wed 0300 (JM4)

4481.0 M51 NR 34 // 4798.5 CW 17/11/1999 Wed 0652 (VM)

4481.0 M51 NR 71 // 4797.5 CW 18/11/1999 Thu 0635 (VM)

4488.5 M51 NR 44 // 5827.5 CW 02/11/1999 Tue 0703 (VM)

4488.5 M51 NR 83 // 5827.5 CW 05/11/1999 Fri 0735 (VM)

4495.0 M51 NR 03. CW 20/10/1999 Wed 0521 (VM)

4495.0 M51 NR 83. CW 25/10/1999 Mon 1649 (VM)

4495.0 M51 NR 33 //5869. CW 26/10/1999 Tue 0619 (VM)

4495.0 M51 NR 58 //5859. CW 27/10/1999 Wed 0438 (VM)

4495.0 M51 NR 35 //5869. CW 29/10/1999 Fri 0630 (VM)

4506.0 M08 CW 11/11/1999 Thu 0100 (BUNKY)

4506.0 M08 CW 24/11/1999 Wed 0300 (BUNKY)

4506.0 M08 CW 25/11/1999 Thu 0100 (BUNKY)

4540.0 G04 Same as 03.10.99, AM 07/10/1999 Thu 2035 (HFD)

4540.0 M29 VDE 34x2 14x2 1x2 1900x2 Repeat Daily CW 01/11/1999 Mon 1800 (ANON)

4555.0 M45 555, //4955. CW 28/10/1999 Thu 1802 (HFD)

4560.0 E10 VLB, //5820. AM 12/10/1999 Tue 1700 (HFD)

4563.0 G07 Sked 267 Decode Key 4172 Group Count 279 AM 29/11/1999 Mon 2217 (DR)

4595.0 E07 USB 01/11/1999 Mon 2120 (JJ)

4602.0 S06 502x3 00000 AM 17/11/1999 Wed 2100 (JE)

4608.5 Computer generated CW 5 ltr grps with cut zeroes. CW 06/11/1999 Sat (PD)

4627.0 M12 826x3 1 612 129 CW 08/11/1999 Mon 2200 (VM)

4627.0 M12 In progress CW 10/11/1999 Wed 2208 (VM)

4665.0 M13 346 = 180 21 = CW 24/11/1999 Wed 2200 (ANON)

4780.0 E10 SYN2, //6745, 5530. AM 12/10/1999 Tue 1945 (HFD)

4780.0 E10 //5629 VLB2 USB 03/11/1999 Wed 0245 (JM4)

4780.0 E10 //5629 VLB2 USB 30/11/1999 Tue 0245 (JM4)

4797.5 M51 NR 71 // 4481 CW 18/11/1999 Thu 0635 (VM)

4798.5 M51 NR 34 // 4481 CW 17/11/1999 Wed 0652 (VM)

4870.0 M03 043/50 Same as 1997/8 RR 1999-11-03 CW 10/11/1999 Wed 1030 (ANON)
 4880.0 E10 Went on for ages. USB 01/11/1999 Mon 2130 (JJ)
 4880.0 E10 ULX weak USB 02/11/1999 Tue 0130 (JM4)
 4880.0 E10 ULX weak USB 02/11/1999 Tue 0330 (JM4)
 4880.0 E10 ULX weak USB 03/11/1999 Wed 0200 (JM4)
 4955.0 M45 555, //4555. CW 28/10/1999 Thu 1802 (HFD)
 4968.0 M10 571 29 275 47 049 16 435 24 // 5737 CW 06/11/1999 Sat 1630 (ANON)
 5017.0 M01 463. CW 12/10/1999 Tue 2000 (HFD)
 5017.0 M01A 463. CW 28/10/1999 THU 2000 (HFD)
 5018.0 M51 NR 74 // 6839 CW 08/11/1999 Mon 0721 (VM)
 5018.0 M51 NR 12 CW 09/11/1999 Tue 0618 (VM)
 5018.0 M51 NR 10 // 6839 CW 11/11/1999 Thu 0657 (VM)
 5019.0 M10E 28 Day sked. Gc 16 18 20 17 CW 18/11/1999 Thu 1000 (ANON)
 5128.0 M13 261 = 219 20 = RR 2100 CW 08/11/1999 Mon 2000 (ANON)
 5129.0 M51 NR 45 // 5740 CW 15/11/1999 Mon 0656 (VM)
 5129.0 M51 NR 70 // 5740 CW 15/11/1999 Mon 2013 (VM)
 5129.0 M51 NR 73 // 5740 CW 18/11/1999 Thu 0647 (VM)
 5129.0 M51 NR 18 // 5740 CW 19/11/1999 Fri 0600 (VM)
 5130.0 M51 NR 06 // 3670 CW 16/11/1999 Tue 1836 (VM)
 5130.0 M51 NR 15 // 3670 CW 18/11/1999 Thu 2019 (VM)
 5134.5 M51 NR 01 CW 03/11/1999 Wed 0739 (VM)
 5134.5 M51 NR 30 // 3687 CW 04/11/1999 Thu 0629 (VM)
 5149.0 M51 NR 09 //3692. CW 20/10/1999 Wed 0559 (VM)
 5149.0 M51 NR 41 //3692. CW 21/10/1999 Wed 0526 (VM)
 5149.0 M51 NR 69 //3692. CW 27/10/1999 Wed 0547 (VM)
 5175.0 E05 //8085 ID 014 Count 159 171/59 179/30 360/48 USB 27/11/1999 Sat 1800 (DR)
 5184.0 G07 In progress AM 29/11/1999 Mon 2151 (DR)
 5185.0 G07 267x3 000 AM 01/11/1999 Mon 2120 (ANON)
 5220.0 G04 82125 78545 33025 (24 GR). AM 03/10/1999 Sun 2035 (HFD)
 5227.0 M12 826x3 1 612 129 CW 08/11/1999 Mon 2140 (VM)
 5277.0 M51 NR 22 // 3710 CW 08/11/1999 Mon 2159 (VM)
 5277.0 M51 NR 34 // 3710 CW 09/11/1999 Tue 1855 (VM)
 5318.0 M51 NR 12 // 6888.5 CW 03/11/1999 Wed 1916 (VM)
 5319.0 M51 NR 51 //6941. Expected NR84. CW 27/10/1999 Wed 1741 (VM)
 5319.5 M51 NR 53 //6941. CW 26/10/1999 Tue 1845 (VM)
 5319.5 M51 NR 50 //6941. CW 28/10/1999 Thu 2242 (VM)
 5320.0 G04 62125 78545 33025 (24 GP). AM 03/10/1999 SuN 2005 (HFD)
 5323.0 M13 753 = 248 25 = CW 02/11/1999 Tue 2000 (VM)
 5415.0 E07 USB 01/11/1999 Mon 2120 (JJ)
 5419.0 M08 CW 29/11/1999 Mon 0200 (GW)
 5419.5 M08a in progress CW 18/11/1999 Thu 0300 (JM4)
 5420.0 M29 VDE 47x2 35x2 8x2 1000x2 CW 10/11/1999 Wed 1400 (ANON)
 5434.0 G07 Null message. USB 01/11/1999 Mon 2110 (JJ)

5435.0 E10 #1(56)NTMGF #2(49)SDRGD USB 02/11/1999 Tue 0130 (JM4)
5435.0 E10 ART2 USB 02/11/1999 Tue 0300 (JM4)
5435.0 E10 ART2 USB 03/11/1999 Wed 0300 (JM4)
5435.0 E10 ART USB 20/11/1999 Sat 0130 (JM4)
5435.0 G07 267x3 000 AM 01/11/1999 Mon 2110 (ANON)
5448.0 M13A 847x3 000 = 189 20 = CW 08/11/1999 Mon 2100 (ANON)
5450.0 XX The Pip on 5450 (constant beeps like in TS) USB
13/11/1999 Sat 0750 (PILE)
5474.0 M01 463, 277/41. CW 12/10/1999 Tue 1800 (HFD)
5520.0 M03 015/58 Same as 1997/1998 CW 05/11/1999 Fri 0900 (ANON)
5530.0 E10 SYN2, //4780. AM 2045 (HFD)
5530.0 E10 SYN2, //6745, 4780. AM 12/10/1999 Tue 1945 (HFD)
5530.0 E10 MIW2 USB 30/11/1999 Tue 0215 (JM4)
5629.0 E10 VLB2, //4360. AM 10/10/1999 Sun 2045 (HFD)
5629.0 E10 VLB2, //4360. AM 12/10/1999 Tue 1745 (HFD)
5629.0 E10 VLB2 USB 02/11/1999 Tue 0145 (JM4)
5629.0 E10 //4780 VLB2 USB 03/11/1999 Wed 0245 (JM4)
5629.0 E10 VLB2 USB 29/11/1999 Mon 0145 (JM4)
5629.0 E10 //4780 VLB2
5629.0 E10a ID VLB2 USB 27/11/1999 Sat 2146 (DR)
5740.0 M29 VDE 37x2 36x2 1x2 0800x2 RR 1300 & Tuesday CW
01/11/1999 Mon 0700 (ANON)
5740.0 M51 NR 45 // 5129 CW 15/11/1999 Mon 0656 (VM)
5740.0 M51 NR 70 // 5129 CW 15/11/1999 Mon 2013 (VM)
5740.0 M51 NR 03 CW 16/11/1999 Tue 0758 (VM)
5740.0 M51 NR 22 CW 17/11/1999 Wed 1533 (VM)
5740.0 M51 NR 73 // 5129 CW 18/11/1999 Thu 0647 (VM)
5740.0 M51 NR 18 // 5129 CW 19/11/1999 Fri 0600 (VM)
5746.0 E03 70125, //8464, 6485. AM 06/10/1999 Wed 1900 (HFD)
5748.0 E06 AM 09/11/1999 Tue 2100 (PILE)
5778.0 E06 103x3 00000 AM 13/11/1999 Sat 2100 (JE)
5785.0 M23 130 CW 09/11/1999 Tue 0630 (VM)
5789.0 M12 In progress CW 10/11/1999 Wed 2015 (VM)
5797.5 M51 NR 14 CW 10/11/1999 Wed 2202 (VM)
5797.5 M51 NR 06 CW 11/11/1999 Thu 0632 (VM)
5805.0 E05 In progress USB 27/11/1999 Sat 1727 (DR)
5805.0 E05 ID 931 Count 135 533/56 330/02 122/75 USB 28/11/1999
Sun 1902 (DR)
5812.0 G07 418 418 418 1 AM 18/10/1999 Mon 2010 (HFD)
5820.0 E10 VLB, //4560. AM 12/10/1999 Tue 1700 (HFD)
5827.0 M12 In progress CW 08/11/1999 Mon 2132 (VM)
5827.0 M12 826x3 000 CW 15/11/1999 Mon 2120 (ANON)
5827.5 M51 NR 44 // 4488.5 CW 02/11/1999 Tue 0703 (VM)
5827.5 M51 In progress CW 04/11/1999 Thu 1524 (VM)
5827.5 M51 NR 83 // 4488.5 CW 05/11/1999 Fri 0735 (VM)
5840.0 M29 VDE 37x2 36x2 1x2 0800x2 RR 1330 & Tuesday CW
01/11/1999 Mon 0730 (ANON)
5869.0 E07 USB 01/11/1999 Mon 2100 (JJ)

5869.0 E07 Long messages. //5415 4595 USB 22/11/1999 Mon 2100
5869.0 G07 Long messages. //5415 4595. USB 22/11/1999 Mon 2100
5869.0 M51 NR 03 //4495. CW 20/10/1999 Wed 0521 (VM)
5869.0 M51 NR 02. CW 22/10/1999 Thu 0621 (VM)
5869.0 M51 NR 33 //4495. CW 25/10/1999 Mon 0619 (VM)
5869.0 M51 NR 58 //4495. CW 27/10/1999 Wed 0438 (VM)
5869.0 M51 NR 35 //4495. CW 29/10/1999 Fri 0630 (VM)
5870.0 E07 845 2136 42 AM 03/11/1999 Wed 2100 (ANON)
5872.0 E07 845,1 ended 000,000 bad choice of frequency heavy
interference from broadcast on AM 01/11/1999 Mon 0021
5872.0 E07 Could just make station out under interference from
5875 a repeat i presume of M AM 03/11/1999 Wed 0021
5933.0 M13 213 = 121 10 =. CW 25/10/1999 Mon 2110 (VM)
5946.0 M10 555 571 17 532 26 049 16 435 34 571. CW 27/10/1999 Wed
1630 (HFD)
6270.0 E10 //7760 ULX USB 02/11/1999 Tue 0100 (JM4)
6270.0 E10 //7760 ULX (58)? __JIX USB 18/11/1999 Thu 0100 (JM4)
6270.0 E10 //7760 ULX USB 20/11/1999 Sat 0100 (JM4)
6270.0 E10 Mossad YL/EE - rptg. ULX USB 27/11/1999 Sat 0100 (LAZ)
6270.0 E10 Mossad YL/EE - in progress @0112 USB 28/11/1999 Sun
0100 (LAZ)
6270.0 E10 //7760 ULX USB 29/11/1999 Mon 0100 (JM4)
6270.0 E10 Mossad YL/EE - very faint USB 29/11/1999 Mon 0400 (LAZ)
6270.0 E10 //7760 ULX USB 30/11/1999 Tue 0100 (JM4)
6370.0 E10 KPA2 USB 02/11/1999 Tue 0215 (JM4)
6379.0 M22 //10356 4XZ in tfc CW 02/11/1999 Tue 0100 (JM4)
6379.0 M22 //10356 4XZ in tfc CW 03/11/1999 Wed 0210 (JM4)
6379.0 M22 //10356//14649//18482 4XZ in tfc CW 18/11/1999 Thu 0100
(JM4)
6379.0 M22 //10356 4XZ marker CW 20/11/1999 Sat 0250 (JM4)
6379.0 M22 //10356//14649//18482 4XZ in tfc CW 29/11/1999 Mon 0100
(JM4)
6379.0 M22 //10356//14646//18482 4XZ in tfc CW 30/11/1999 Tue 0200
(JM4)
6428.0 M13 261 = 219 20 = RR 2100 CW 07/11/1999 Sun 2000 (ANON)
6428.0 M13 261 = 219 20 = CW 21/11/1999 Sun 2000 (ANON)
6485.0 E03 70125 //8464, 5746. AM 06/10/1999 Wed 1900 (HFD)
6507.0 E23 36880 89895 21039 Week 3 USB 22/11/1999 Mon 1257 (ANON)
6637.0 M13 880 = 182 23 = CW 11/11/1999 Thu 0600 (VM)
6645.0 V08 AM 06/11/1999 Sat 1900 (JE)
6645.0 V08 AM 08/11/1999 Mon 1900 (JE)
6658.0 E10 Very Faint - SIU2? (Saudi, India, Ultra 2?) USB
18/11/1999 Thu 0215 (LB)
6689.5 M52 13:827023x3 AR CW 08/11/1999 Mon 1637 (VM)
6715.0 E15 m NSA QRU. AM 29/10/1999 Fri 1630 (HFD)
6745.0 E10 SYN2, //8465. AM 09/10/1999 Sat 1945 (HFD)
6745.0 E10 SYN2, //5530, 4780. AM 12/10/1999 Tue 1945 (HFD)
6767.0 M08 CW 25/11/1999 Thu 1300 (GW)

6767.0 M08 In progress @ 1216 CW 28/11/1999 Sun 1200 (LAZ)
6768.0 V02 Spanish Lady YL/SS AM 29/11/1999 Mon 0400 (LAZ)
6778.0 V02a in progress AM 30/11/1999 Tue 0100 (JM4)
6780.0 M10 555x3 818x3 46. CW 27/10/1999 Wed 0340 (VM)
6786.0 V02 Spanish Lady YL/SS - In progress @ 0606 AM 21/11/1999
Sun 0600 (LAZ)
6786.0 V02a Spanish Lady YL/SS - Atencion 21621 15663 20321 AM
28/11/1999 Sun 0600 (LAZ)
6787.0 M08 CW 07/11/1999 Sun 1300 (BUNKY)
6787.0 M51 NR 38 // 6924.5 CW 17/11/1999 Wed 1746 (VM)
6790.0 G06 308-561/48 AM 01/11/1999 Mon 2000 (JE)
6790.0 S06 in progress AM 22/11/1999 Mon 2227 (JE)
6797.0 M08 In progress @ 1218 CW 28/11/1999 Sun 1200 (LAZ)
6800.0 M10 In progress CW 08/11/1999 Mon 1623 (VM)
6809.0 M24 953x3 00000 CW 11/11/1999 Thu 2200 (ANON)
6839.0 M51 NR 74 // 5018 CW 08/11/1999 Mon 0721 (VM)
6839.0 M51 NR 37 CW 10/11/1999 Wed 1431 (VM)
6839.0 M51 NR 10 // 5018 CW 11/11/1999 Thu 0657 (VM)
6840.0 E10 USB 01/11/1999 Mon 2130 (JJ)
6840.0 E10 //9130 EZI (18)EWVSL USB 02/11/1999 Tue 0100 (JM4)
6840.0 E10 EZI in progress USB 07/11/1999 Sun 0100 (JM4)
6840.0 E10 EZI //9130 jammed USB 10/11/1999 Wed 0100 (JM4)
6840.0 E10 EZI progress USB 18/11/1999 Thu 0100 (JM4)
6840.0 E10 EZI USB 20/11/1999 Sat 0100 (JM4)
6840.0 E10 call-up EZI grp 27 //9130 USB 24/11/1999 Wed 2001
6840.0 E10 Mossad YL/EE - in progress @ 0110 USB 27/11/1999 Sat
0100 (LAZ)
6840.0 E10 Mossad YL/EE - in progress @0113 USB 28/11/1999 Sun
0100 (LAZ)
6840.0 E10 //9130 ULX (20)FEFQZ USB 29/11/1999 Mon 0100 (JM4)
6840.0 E10 //9130 EZI USB 30/11/1999 Tue 0100 (JM4)
6849.0 E07 ip. AM 18/10/1999 Mon 2110 (HFD)
6849.0 E07 886 886 886 000. AM 25/10/1999 Mon 2100 (HFD)
6854.0 M08 CW 25/11/1999 Thu 1300 (GW)
6862.5 M51 NR 15 // 6940 CW 01/11/1999 Mon 0759 (VM)
6862.5 M51 NR 33 // 6940 CW 02/11/1999 Tue 0554 (VM)
6862.5 M51 NR 29 CW 03/11/1999 Wed 1107 (VM)
6862.5 M51 NR 32 // 6940 CW 04/11/1999 Thu 0642 (VM)
6862.5 M51 NR 75 CW 05/11/1999 Fri 0645 (VM)
6866.0 M08 CW 27/11/1999 Sat 1300 (BUNKY)
6867.0 E17 "Null" broad 435 435 435 00000. Carrier up AM
02/11/1999 Tue 0215 (JM4)
6876.0 M12 In progress CW 09/11/1999 Tue 0530 (VM)
6888.5 M51 NR 12 // 5318 CW 03/11/1999 Wed 1916 (VM)
6895.0 Mystery warbling signal still active. USB 30/10/1999
Sat 2120 (RM)
6895.0 No warbler now, instead hollow sounding s9+. USB
01/11/1999 Mon 1530 (ME)

6895.0 Wide band noise still going strong. USB 04/11/1999 Thu 1545 (FVG)

6895.4 Last nite mystery CW much louder. CW 04/11/1999 Thu 0745 (HS)

6900.0 E03 ID = 18858. // on 11545kHz. Good signal, SINPO=44444. USB 13/11/1999 Sat 2000 (MF)

6914.0 M12 In progress. CW 25/10/1999 Mon 1952 (VM)

6914.0 M12 257x3 1 2443 141. CW 27/10/1999 Wed 1940 (VM)

6924.5 M51 NR 20 CW 16/11/1999 Tue 2003 (VM)

6924.5 M51 NR 38 // 6787 CW 17/11/1999 Wed 1746 (VM)

6925.0 M51 NR 45 //6963. CW 20/10/1999 Wed 1025 (VM)

6925.0 M51 NR 64 //6963. CW 21/10/1999 Wed 0749 (VM)

6925.0 M51 NR 83 //6963. CW 25/10/1999 Mon 0606 (VM)

6925.0 M51 NR 08 //6963. CW 28/10/1999 Thu 0805 (VM)

6932.0 M08 CW 02/11/1999 Tue 1300 (BUNKY)

6932.0 M08 CW 09/11/1999 Tue 1300 (BUNKY)

6932.0 M08 CW 23/11/1999 Tue 1306 (GW)

6932.0 M08 CW 27/11/1999 Sat 1300 (BUNKY)

6935.0 M12 658x3 1 CW 17/11/1999 Wed 2100 (VM)

6940.0 M51 NR 15 // 6862.5 CW 01/11/1999 Mon 0759 (VM)

6940.0 M51 NR 33 // 6862.5 CW 02/11/1999 Tue 0554 (VM)

6940.0 M51 NR 32 // 6862.5 CW 04/11/1999 Thu 0642 (VM)

6941.0 M12 419x3 1 8560 373 CW 05/11/1999 Fri 1943 (ANON)

6941.0 M51 NR 11. CW 20/10/1999 Wed 1657 (VM)

6941.0 M51 NR 13. CW 21/10/1999 Thu 2208 (VM)

6941.0 M51 NR 53 //5319.5. CW 26/10/1999 Tue 1845 (VM)

6941.0 M51 NR 51 //5319.5. Expected NR84. CW 27/10/1999 Wed 1751 (VM)

6941.0 M51 NR 50 //5319.5. CW 28/10/1999 Thu 2242 (VM)

6945.0 S17C 82050 BREAK ON 6945 AT 1255, //8190. AM 02/10/1999 Sat 1250 (HFD)

6959.0 E03 call-up 70791 (heavy jamming) //9251 USB 04/11/1999 Thu 2007 (ANOUS)

6959.0 E03 call-up 01955 //9251 USB 24/11/1999 Wed 2000 (ANOUS)

6963.0 M51 NR 45 //6925. CW 20/10/1999 Wed 1025 (VM)

6963.0 M51 NR 64 //6925. CW 21/10/1999 Wed 0749 (VM)

6963.0 M51 NR 83 //6925. CW 25/10/1999 Mon 0606 (VM)

6963.0 M51 NR 08 //6925. CW 28/10/1999 Thu 0805 (VM)

6974.5 M51 NR 19 CW 01/11/1999 Mon 1905 (VM)

6974.5 M51 NR 17 CW 03/11/1999 Wed 1947 (VM)

6974.5 M51 NR 29 CW 04/11/1999 Thu 1637 (VM)

6982.0 M08 CW 01/11/1999 Mon 1200 (BUNKY)

6982.0 M08 CW 01/11/1999 Mon 1300 (BUNKY)

6982.0 M08 CW 07/11/1999 Sun 1300 (BUNKY)

6983.0 M08 CW 08/11/1999 Mon 1300 (BUNKY)

6986.0 E10 ART?? in progress USB 30/11/1999 Tue 0400 (JM4)

6999.0 M23 00000 = 42 42 = CW 03/11/1999 Wed 1600 (ANON)

7256.0 M03 624/00 Repeat each Saturday CW 06/11/1999 Sat 0800

7315.5 M51 NR 37. CW 20/10/1999 Wed 1940 (VM)
7315.5 M51 In progress. CW 28/10/1999 Thu 1620 (VM)
7317.0 M51 NR 68. CW 27/10/1999 Wed 1937 (VM)
7317.5 M51 NR 64. CW 21/10/1999 Wed 1606 (VM)
7317.5 M51 NR 88. CW 26/10/1999 Tue 2223 (VM)
7320.0 M08 CW 19/11/1999 Fri 1300 (BUNKY)
7340.0 M51 In progress CW 17/11/1999 Wed 0633 (VM)
7340.0 M51 In progress CW 18/11/1999 Thu 1052 (VM)
7340.0 M51 In progress CW 19/11/1999 Fri 0632 (VM)
7390.0 M51 NR 26 // 8015 CW 09/11/1999 Tue 0745 (VM)
7390.0 M51 NR 60 // 8015 CW 10/11/1999 Wed 0659 (VM)
7390.0 M51 NR 52 // 8015 CW 12/11/1999 Fri 0658 (VM)
7420.0 M13 254 = 192 21 = CW 03/11/1999 Wed 2200 (ANON)
7430.0 E05 In progress AM 04/11/1999 Thu 0019 (SG)
7445.0 E10 VLB2, //9270. AM 09/10/1999 Sat 1945 (HFD)
7557.0 V02 Spanish Lady YL/SS - in progress @ 0305 AM 28/11/1999
Sun 0300 (LAZ)
7576.0 M13 880 = 182 23 = RR 1800 CW 11/11/1999 Thu 1600 (ANON)
7576.0 M13 880 = 182 23 = RR 1800 CW 25/11/1999 Thu 1600 (ANON)
7583.0 V02 //4028.0 Spanish Lady YL/SS - in progress AM 08/11/1999
Mon 1025 (LAZ)
7583.0 V02 //4030.0 Spanish Lady YL/SS - in progress AM 15/11/1999
Mon 1000 (LAZ)
7605.0 E10 MIW2 USB 30/11/1999 Tue 0415 (JM4)
7630.0 M24 835x3 00000 CW 01/11/1999 Mon 2100 (ANON)
7630.0 M24 835x3 00000 CW 11/11/1999 Thu 2100 (ANON)
7726.0 V02a Spanish Lady YL/SS - Atencion ?054?? ????? 32322 AM
21/11/1999 Sun 0500 (LAZ)
7726.0 V02a Spanish Lady YL/SS - Atencion 20230 1566? 32232 AM
28/11/1999 Sun 0500 (LAZ)
7750.0 "Guangzhou" Chinese number station. Chinese chifer. CW
27/10/1999 Wed 1700 (IB)
7760.0 E10 //6270 ULX USB 02/11/1999 Tue 0100 (JM4)
7760.0 E10 ULX in progress USB 07/11/1999 Sun 0100 (JM4)
7760.0 E10 ULX (67)NHFOT USB 10/11/1999 Wed 0100 (JM4)
7760.0 E10 //6270 ULX (58)? __JIX USB 18/11/1999 Thu 0100 (JM4)
7760.0 E10 //6270 ULX USB 20/11/1999 Sat 0100 (JM4)
7760.0 E10 Mossad YL/EE - in progress @ 0108 USB 27/11/1999 Sat
0100 (LAZ)
7760.0 E10 Mossad YL/EE - in progress @0112 USB 28/11/1999 Sun
0100 (LAZ)
7760.0 E10 //6270 ULX USB 29/11/1999 Mon 0100 (JM4)
7760.0 E10 //6270 ULX USB 30/11/1999 Tue 0100 (JM4)
7815.0 S06 265-148/29 AM 13/11/1999 Sat 1800 (JE)
7840.0 M03 508/00 CW 12/11/1999 Fri 1100 (ANON)
7887.0 E10 Mossad YL/EE - barely audible (jammed) USB 28/11/1999
Sun 0200 (LAZ)
7887.0 V02 AM 07/11/1999 Sun 0200 (BUNKY)

7889.0 M08 CW 13/11/1999 Sat 1400 (BUNKY)
7890.0 M08 CW 20/11/1999 Sat 1400 (BUNKY)
7890.0 M08 CW 25/11/1999 Thu 1300 (GW)
7910.0 G06 308-561/48 AM 01/11/1999 Mon 1900 (JE)
7918.0 E10 YHF (36)SGDNM USB 02/11/1999 Tue 0200 (JM4)
7918.0 E10 YHF (36)SGDNM USB 02/11/1999 Tue 0230 (JM4)
7918.0 E10 YHF (36)SGDNM USB 03/11/1999 Wed 0200 (JM4)
7918.0 E10 YHF (77)FPNJR USB 03/11/1999 Wed 0230 (JM4)
7918.0 E10 YHF (75)OZGWL USB 10/11/1999 Wed 0200 (JM4)
7918.0 E10 YHF (75)AZGWL USB 18/11/1999 Thu 0200 (JM4)
7918.0 E10 YHF USB 20/11/1999 Sat 0200 (JM4)
7918.0 E10 YHF (?)YIARQ (49)N_L_H USB 20/11/1999 Sat 0230 (JM4)
7918.0 E10 MOSSAD YL/EE - in progress @ 0209 USB 23/11/1999 Tue 0200 (LAZ)
7918.0 E10 USB 29/11/1999 Mon 0200 (GW)
7918.0 E10 YHF (75)OZGWL USB 30/11/1999 Tue 0200 (JM4)
7918.0 E10 YHF2 USB 30/11/1999 Tue 0230 (JM4)
7931.0 M12 In progress CW 10/11/1999 Wed 2028 (VM)
7949.0 M10E Repeat each Mon/Wed/Fri CW 01/11/1999 Mon 0700 (ANON)
7996.0 M10E 111x3 72055x3 20x3 Repeat Daily CW 11/11/1999 Thu 2100 (ANON)
8007.0 XM SLHFM "A". USB 20/11/1999 Sat 0325 (JM4)
8007.0 XM SLHFM "A" CW 20/11/1999 Sat 0325 (JM4)
8007.0 XM SLHMA "A" being heard in Manchester TN. USB 20/11/1999 Sat 0325 (TN)
8015.0 M51 NR 26 // 7390 CW 09/11/1999 Tue 0745 (VM)
8015.0 M51 NR 60 // 7390 CW 10/11/1999 Wed 0659 (VM)
8015.0 M51 NR 52 // 7390 CW 12/11/1999 Fri 0658 (VM)
8025.0 E10 SYN 2 AM 02/11/1999 Tue 0021 (SG)
8033.0 E11 183/00 USB 09/11/1999 Tue 1300 (ANON)
8033.0 E11 183/00 Repeat each Tuesday USB 16/11/1999 Tue 1300 (ANON)
8058.0 E06 103 278 54 AM 05/11/1999 Fri 2100 (ANON)
8083.0 V07 103 103 103 000. AM 08/10/1999 Fri 2010 (HFD)
8085.0 E05 rptg 569 Count 204 AM 30/11/1999 Tue 0400 (JM4)
8097.0 V02 call-up 87383, 44911, 66021 AM 17/11/1999 Wed 0610 (ANOUS)
8097.0 V02 call-up 52151, 44912, 66022 AM 24/11/1999 Wed 0610 (ANOUS)
8097.0 V02a Spanish Lady YL/SS - Atencion 87381 03432 14032 (blank carrier from 0600-610) AM 03/11/1999 Wed 0610 (LAZ)
8103.0 E07 In progress AM 19/11/1999 Fri 0638 (VM)
8110.0 M10 555x3 483 47 919 30 CW 01/11/1999 Mon 2200 (ANON)
8125.0 E05 call-up 428 grp 211 //10643 AM 24/11/1999 Wed 2006
8130.0 E06 In progress AM 09/11/1999 Tue 2009 (VM)
8130.0 E06 in progress 5fgs X2 (5 = FIFE, 0 = ZEE-0, pause before 7 when in group) ends 000 AM 24/11/1999 Wed 2010
8135.0 V06 591x3 00000 SS/F AM 05/11/1999 Fri 2100 (ANON)

8157.0 Rptg 132 over and over. May be an E7? USB 23/11/1999
Tue 2316 (MA)

8157.0 E19 5fgx2. Accent sounds like "Irish Man". USB 23/11/1999
Tue 2326 (CM)

8157.0 M12 419x3 1 8560 373 CW 05/11/1999 Fri 1911 (ANON)

8188.0 E23 87856 54900 69766 Week 1 USB USB 10/11/1999 Wed 1157
(ANON)

8188.0 E23 straight into 5fgs w/ no call-up USB 22/11/1999 Mon
1201 (ANOUS)

8188.0 M04 U R3 L0 L0x3/72952 CW 17/11/1999 Wed 1157 (ANON)

8190.0 M10 555 127 39 801 35. CW 28/10/1999 Thu 1800 (HFD)

8190.0 S17C 82050 break on 6925 at 1255. AM 02/10/1999 Sat 1250

8260.0 M40 CQ 747.847 HR ?? CW 03/11/1999 Wed 2200 (ANON)

8260.0 M40 CQ 747.353 HR 19 CW 04/11/1999 Thu 0800 (ANON)

8271.0 M13 517 = 187 25 = CW 01/11/1999 Mon 2000 (ANON)

8271.0 M13 517 = 187 25 = CW 15/11/1999 Mon 2000 (ANON)

8300.0 V13 AM 05/11/1999 Fri 1400 (JM4)

8300.0 V13 AM 08/11/1999 Mon 1400 (JM4)

8300.0 V13 AM 15/11/1999 Mon 1400 (JM4)

8300.0 V13 AM 30/11/1999 Tue 1500 (JM4)

8307.0 M23 579 // 9285 Repeat Daily CW 01/11/1999 Mon 0800 (ANON)

8307.0 M23 579 // 9285 Repeat Daily CW 01/11/1999 Mon 1400 (ANON)

8347.0 M22 //17050 4XZ marker CW 15/11/1999 Mon 1400 (JM4)

8437.0 M22 //10046 4XZ marker CW 02/11/1999 Tue 0100 (JM4)

8437.0 M22 //10046 4XZ marker CW 03/11/1999 Wed 0210 (JM4)

8437.0 M22 //10046//17050 4XZ marker CW 08/11/1999 Mon 1400 (JM4)

8437.0 M22 //10046//17050 4XZ marker CW 18/11/1999 Thu 0100 (JM4)

8437.0 M22 //10046 4XZ in tfc CW 20/11/1999 Sat 0250 (JM4)

8437.0 M22 //10046//17050 4XZ marker CW 29/11/1999 Mon 0100 (JM4)

8437.0 M22 //10046//17050 4XZ marker CW 30/11/1999 Tue 0200 (JM4)

8464.0 E03 70125 //6485 5746. AM 06/10/1999 Wed 1900 (HFD)

8464.0 E03 //10426 weak USB 30/11/1999 Tue 1500 (JM4)

8465.0 E10 CI02, //10352. AM 09/10/1999 Sat 1945 (HFD)

8465.0 E10 SYN2, //6745. AM 09/10/1999 Sat 1945 (HFD)

8532.0 V02 Thursday was 10317. USB 17/11/1999 Wed 0200 (JM4)

8532.0 V02 in progress AM 18/11/1999 Thu 0200 (JM4)

8636.0 V02 rptg A 959/01 and 01/51 AM 28/11/1999 Sun 0400 (JM4)

8975.0 V02 Spanish Lady YL/SS - Atencion 691/06 (Strong signal) AM
03/11/1999 Wed 0800 (LAZ)

8975.0 V02 call-up 691 06 grp 06 55 interfering w/ RAAF GPN AM
03/11/1999 Wed 0805 (ANOUS)

8975.0 V02 Spanish Lady YL/SS - Atencion 391/07 AM 17/11/1999 Wed
0800 (LAZ)

8975.0 V02 call-up 691 06 grp 06 55 interfering w/ RAAF GPN AM
17/11/1999 Wed 0806 (ANOUS)

9024.0 V02 A 616/08 08/56 changed freq atop EAM on 9025 AM
03/11/1999 Wed 0200 (JM4)

9024.0 V02 A 616/08 08/53 AM 10/11/1999 Wed 0200 (JM4)

9041.0 M12 In progress CW 03/11/1999 Wed 2006 (VM)
 9046.0 M13 823 = 182 24 = CW 04/11/1999 Thu 0700 (ANON)
 9062.0 M08 CW 21/11/1999 Sun 0500 (LAZ)
 9062.0 M08 In progress @ 0509 CW 28/11/1999 Sun 0500 (LAZ)
 9063.0 V02 Spanish Lady YL/SS - in progress AM 04/11/1999 Thu 0200 (LAZ)
 9063.0 V02a A 39011 25113 58502 AM 18/11/1999 Thu 0200 (JM4)
 9064.0 M08 in progress @ 0712 CW 21/11/1999 Sun 0700 (LAZ)
 9081.0 V07 148 148 148 000. AM 04/10/1999 Mon 2010 (HFD)
 9115.0 V02 Spanish Lady YL/SS - in progress, v.weak signal AM 01/11/1999 Mon 0800 (LAZ)
 9130.0 E10 //6840 EZI (18)EWVSL USB 02/11/1999 Tue 0100 (JM4)
 9130.0 E10 call-up EZI grp 27 //6840 USB 24/11/1999 Wed 2001
 9130.0 E10 USB 26/11/1999 Fri 0100 (GW)
 9130.0 E10 Mossad YL/EE - in progress @ 0113 USB 27/11/1999 Sat 0100 (LAZ)
 9130.0 E10 Mossad YL/EE - in progress @0113 USB 28/11/1999 Sun 0100 (LAZ)
 9130.0 E10 //6840 ULX (20)FEFQZ USB 29/11/1999 Mon 0100 (JM4)
 9130.0 E10 //6840 EZI USB 30/11/1999 Tue 0100 (JM4)
 9130.0 E11 187/00. AM 29/10/1999 Fri 1200 (HFD)
 9153.0 M08 In progress CW 05/11/1999 Fri 0706 (LAZ)
 9153.0 M08 In progress CW 08/11/1999 Mon 1025 (LAZ)
 9153.0 M08 CW 11/11/1999 Thu 0700 (LAZ)
 9153.0 M08 V.Faint CW 15/11/1999 Mon 0900 (LAZ)
 9153.0 M08 In Progress CW 15/11/1999 Mon 1000 (LAZ)
 9155.0 M08 In progress CW 01/11/1999 Mon 1000 (LAZ)
 9155.0 M08 In progress CW 02/11/1999 Tue 0600 (LAZ)
 9170.0 E06 ip, 5f, 239 157 00000 (SN: 705). AM 18/10/1999 Mon 2010 (HFD)
 9238.0 M08 in progress @ 1111 CW 21/11/1999 Sun 1100 (LAZ)
 9251.0 E03 Linc Poacher. USB 03/11/1999 Wed 2203 (SW)
 9251.0 E03 call-up 70791 //6959 (heavy jamming) USB 04/11/1999 Thu 2007 (AN AUS)
 9251.0 E03 call-up 01955 //6959 USB 24/11/1999 Wed 2000 (AN AUS)
 9251.0 E03 Header: 28885 USB 25/11/1999 Thu 2105 (DR)
 9270.0 E10 VLB2, //7445. AM 09/10/1999 Sat 1954 (HFD)
 9270.0 E10 call-up VLB2 AM 02/11/1999 Tue 1345 (AN AUS)
 9270.0 E10 call-up VLB2 AM 24/11/1999 Wed 0548 (AN AUS)
 9330.0 V02 Spanish Lady YL/SS - v. weak AM 15/11/1999 Mon 0600
 9331.0 V02 in progress AM 24/11/1999 Wed 0549 (AN AUS)
 9355.0 M13 253 = 185 21 = CW 18/11/1999 Thu 2100 (ANON)
 9382.0 E10 Mossad YL/EE - very faint USB 29/11/1999 Mon 0400 (LAZ)
 9457.0 M12 419x3 1 8560 373 Note GC CW 05/11/1999 Fri 1840 (ANON)
 9915.5 M14?? Long #s except zero was "T", ends 5 long dashes. New Freq.?? CW 18/11/1999 Thu 0030 (GW)
 9932.0 M10E Repeat each Mon/Wed/Fri CW 01/11/1999 Mon 1400 (ANON)
 10046.0 M22 //8437 4XZ marker CW 02/11/1999 Tue 0100 (JM4)

10046.0 M22 //8437 4XZ marker CW 03/11/1999 Wed 0210 (JM4)
10046.0 M22 //17050 4XZ marker CW 05/11/1999 Fri 1400 (JM4)
10046.0 M22 //8437//17050 4XZ marker CW 08/11/1999 Mon 1400 (JM4)
10046.0 M22 //8437//17050 4XZ marker CW 18/11/1999 Thu 0100 (JM4)
10046.0 M22 //8437 4XZ in tfc CW 20/11/1999 Sat 0250 (JM4)
10046.0 M22 //8437//17050 4XZ marker CW 29/11/1999 Mon 0100 (JM4)
10046.0 M22 //8437//17050 4XZ marker CW 30/11/1999 Tue 0200 (JM4)
10125.0 E10 Female voice identifying as "Sierra Yankee November
Two" over and over. USB 02/11/1999 Tue 0345 (SY)
10126.0 V02 AM 25/11/1999 Thu 0100 (BUNKY)
10126.0 V02A Thursday was 13436. USB 17/11/1999 Wed 0100 (JM4)
10155.0 XPH AM 08/10/1999 Fri 2010 (HFD)
10155.0 XPH AM 26/10/1999 Tue 2020 (HFD)
10235.0 M08 In progress CW 02/11/1999 Tue 0400 (LAZ)
10235.0 M08 In progress @ 0404 CW 28/11/1999 Sun 0400 (LAZ)
10235.5 M08a in progress CW 30/11/1999 Tue 0400 (JM4)
10248.0 M16 VVV 8BY 532/077/354/308/862/380/ 395. CW 07/10/1999 Thu
1940 (HFD)
10248.0 M16 //12075//14931 8BY 311/459 /308/363/752/626 CW
02/11/1999 Tue 0140 (JM4)
10248.0 M16 //12075 8BY 532/297/311 CW 03/11/1999 Wed 0240 (JM4)
10248.0 M16 //14931 8BY tfc 012/629 CW 20/11/1999 Sat 0240 (JM4)
10248.0 M16 8BY tfc 270/058/758/297/ CW 30/11/1999 Tue 0240 (JM4)
10248.0 M22 //14931 8BY w/tfc 381/982/ CW 29/11/1999 Mon 0140 (JM4)
10345.5 M08a in progress CW 18/11/1999 Thu 0300 (JM4)
10352.0 E10 CI02, //8465. AM 09/10/1999 Sat 1945 (HFD)
10352.0 E10 call-up KPA2 AM 02/11/1999 Tue 1415 (ANAUS)
10352.0 E10 call-up KPA2 AM 02/11/1999 Tue 1515 (ANAUS)
10352.0 E10 call-up KPA2 AM 06/11/1999 Sat 1315 (ANAUS)
10356.0 M22 //6379 4XZ in tfc CW 02/11/1999 Tue 0100 (JM4)
10356.0 M22 //6379 4XZ in tfc CW 03/11/1999 Wed 0210 (JM4)
10356.0 M22 //14649//18482 4XZ in tfc CW 05/11/1999 Fri 1400 (JM4)
10356.0 M22 //18482 4XZ in tfc CW 08/11/1999 Mon 1400 (JM4)
10356.0 M22 //14649//18482 4XZ in tfc CW 15/11/1999 Mon 1400 (JM4)
10356.0 M22 //6379//14649//18482 4XZ in tfc CW 18/11/1999 Thu 0100
(JM4)
10356.0 M22 //6379 4XZ marker CW 20/11/1999 Sat 0250 (JM4)
10356.0 M22 //6379//14649//18482 4XZ in tfc CW 29/11/1999 Mon 0100
(JM4)
10356.0 M22 //6379//14646//18482 4XZ in tfc CW 30/11/1999 Tue 0200
(JM4)
10367.0 V07 148 148 148 000. AM 04/10/1999 Mon 2000 (HFD)
10426.0 E03 //12603//14487 rptg 59610 USB 08/11/1999 Mon 1400 (JM4)
10426.0 E03 //12603//14487 rptg 91938 USB 15/11/1999 Mon 1400 (JM4)
10426.0 E03 //8464 weak USB 30/11/1999 Tue 1500 (JM4)
10442.0 M42 VTX (2-WAY) RTTY 19/11/1999 Fri 1540 (BUNKY)
10442.0 M42 VTX QTC (2-WAY) RTTY 25/11/1999 Thu 1540 (BUNKY)
10445.0 V02 Spanish Lady YL/SS - V.weak signal, barely audible AM

15/11/1999 Mon 0500 (LAZ)
 10445.0 V02A Spanish Lady YL/SS - Atencion 40402 12301 14232 AM
 01/11/1999 Mon 0500 (LAZ)
 10446.0 V02 AM 24/11/1999 Wed 0300 (BUNKY)
 10446.0 V02a? carrier up - no audio appeared AM 03/11/1999 Wed 0300
 10583.0 E05 in progress AM 23/11/1999 Tue 2123 (AN AUS)
 10583.0 E05 in progress - NOT // to 10643 AM 30/11/1999 Tue 2100
 10620.0 M03 503/00 Repeat each Monday CW 01/11/1999 Mon 0800 (ANON)
 10620.0 M40 CQ 747.353 HR 19 CW 04/11/1999 Thu 0830 (ANON)
 10642.0 S10E 28 Day sked USB 18/11/1999 Thu 1300 (ANON)
 10643.0 E05 in progress AM 23/11/1999 Tue 2128 (AN AUS)
 10643.0 E05 call-up 428 grp 211 //8125 AM 24/11/1999 Wed 2006
 10643.0 E05 in progress - NOT // to 10583 AM 30/11/1999 Tue 2100
 10651.0 M51 NR 64 // 11615 CW 17/11/1999 Wed 0038 (VM)
 10651.0 M51 NR 87 // 11615 CW 18/11/1999 Thu 1827 (VM)
 10665.0 Duplicate of 11491khz broadcast at this time. AM
 22/11/1999 Mon 0300 (GW)
 10665.0 V05 //11491.0 YL/SS in progress AM 01/11/1999 Mon 0300
 10665.0 V05 //11491.0 - YL/SS in progress AM 04/11/1999 Thu 0300
 10665.0 V05 //11491 rptg 988 Grupo 142 AM 18/11/1999 Thu 0300 (JM4)
 10665.0 V05 Duplicate of 11491 kHz broadcast at this time. AM
 29/11/1999 Mon 0300 (GW)
 11072.0 E05 //13465 //11072 AM 07/11/1999 Sun 1800 (BUNKY)
 11430.0 V13 AM 08/11/1999 Mon 1400 (JM4)
 11460.0 M42 URO QTC //16198 RTTY 25/11/1999 Thu 1620 (BUNKY)
 11491.0 Duplicate of 10665khz broadcast at this time. AM
 22/11/1999 Mon 0300 (GW)
 11491.0 V05 //10665.0 YL/SS in progress AM 01/11/1999 Mon 0300
 11491.0 V05 //10665.0 - YL/SS in progress AM 04/11/1999 Thu 0300
 11491.0 V05 //10665 rptg 988 Grupo 142 AM 18/11/1999 Thu 0300 (JM4)
 11491.0 V05 Duplicate of 10665 kHz broadcast at this time. AM
 29/11/1999 Mon 0300 (GW)
 11541.0 XPH 511x3 000. AM 29/10/1999 Fri 2200 (VM)
 11542.0 XPH AM 05/10/1999 Tue 2000 (HFD)
 11542.0 XPH AM 08/10/1999 Fri 2000 (HFD)
 11542.0 XPH AM 29/10/1999 Fri 2000 (HFD)
 11545.0 E03 Lincolnshire poacher - 94448. USB 13/11/1999 Sat 1600
 11545.0 XPH 80795 //15682 13375. AM 05/10/1999 Tue 1600 (HFD)
 11565.0 E10 call-up EZI grp 10 //13533 AM 03/11/1999 Wed 0430
 11565.0 E10 Grp 10 //13533. AM 03/11/1999 Wed 0430 (SD)
 11565.0 E10 call-up EZI2 //13533 AM 06/11/1999 Sat 0500 (AN AUS)
 11565.0 E10 call-up EZI2 //13533 AM 07/11/1999 Sun 0500 (AN AUS)
 11565.0 E10 Mossad YL/EE - very faint USB 28/11/1999 Sun 0500 (LAZ)
 11565.0 E10 EZI2 USB 30/11/1999 Tue 0500 (JM4)
 11565.0 V02 Spanish Lady YL/SS - V.Weak Signal, barely audible AM
 11/11/1999 Thu 0300 (LAZ)
 11566.0 V02 Spanish Lady YL/SS - in progress @ 0322 AM 19/11/1999
 Fri 0300 (LAZ)

11615.0 M51 NR 64 // 10651 CW 17/11/1999 Wed 0038 (VM)
11615.0 M51 NR 87 // 10651 CW 18/11/1999 Thu 1827 (VM)
11634.0 M10E Repeat daily CW 01/11/1999 Mon 1655 (ANON)
11635.0 XPH 648x3 000 AM 02/11/1999 Tue 0700 (ANON)
12075.0 M16 //10248//14931 8BY 311/459 CW 02/11/1999 Tue 0140 (JM4)
12075.0 M16 //10248 8BY 532/297/311 CW 03/11/1999 Wed 0240 (JM4)
12165.0 V02 Spanish Lady YL/SS - in progress w/ faint CW in
background AM 01/11/1999 Mon 0200 (LAZ)
12165.0 V02? AM 29/11/1999 Mon 0200 (GW)
12180.0 V02 Spanish Lady YL/SS - In progress AM 03/11/1999 Wed 0200
(LAZ)
12180.0 V02a A 11801 63992 20201 AM 03/11/1999 Wed 0200 (JM4)
12180.0 V02a into 5FG w/o call-up AM 10/11/1999 Wed 0200 (JM4)
12197.0 E05 rptg 728 Count 69 AM 29/11/1999 Mon 2000 (JM4)
12215.0 V02 Spanish Lady YL/SS - in progress @ 0004 AM 27/11/1999
Sat 0000 (LAZ)
12215.0 V02a in progress AM 20/11/1999 Sat 0000 (JM4)
12300.5 V05 //14421 rptg 580 Grupo 124 AM 02/11/1999 Tue 0300 (JM4)
12300.5 V05 //14421 rptg 382 Grupo 222 AM 20/11/1999 Sat 0300 (JM4)
12300.5 V05 //14421.0 YL/SS - rptg. 382 or 682, grupo ??? AM
23/11/1999 Tue 0300 (LAZ)
12300.5 V05 //14421.0 YL/SS - rptg.382 grupo ??? AM 27/11/1999 Sat
0300 (LAZ)
12300.5 V05 //14421 rptg 382 Grupo 222 AM 30/11/1999 Tue 0300 (JM4)
12603.0 E03 21523 //16475 14487. AM 27/10/1999 Wed 1700 (HFD)
12603.0 E03 21523 //16475 14487. AM 28/10/1999 Thu 1800 (HFD)
12603.0 E03 //10426//14487 rptg 59610 USB 08/11/1999 Mon 1400 (JM4)
12603.0 E03 Lincolnshire Poacher - 94448. Lots of
beeping/foghorn-type noises also. USB 13/11/1999 Sat
12603.0 E03 //10426//14487 rptg 91938 USB 15/11/1999 Mon 1400 (JM4)
12603.0 E03 //14487 //16314 rptg 67845. USB 16/11/1999 Tue 1400
12603.0 E03 //14487//16314 rptg 67845 USB 16/11/1999 Tue 1400 (JM4)
12603.0 E03 //13375 weak USB 29/11/1999 Mon 1600 (JM4)
13375.0 E03 80795 //15682 11545. AM 05/10/1999 Tue 1600 (HFD)
13375.0 E03 Lincolnshire poacher - 94448. USB 13/11/1999 Sat 1600
13375.0 E03 //12603 weak USB 29/11/1999 Mon 1600 (JM4)
13380.0 YL SS 5 fgrps. AM 03/11/1999 Wed 0628 (HP)
13434.0 XPH 648x3 1 02973 00163 AM 05/11/1999 Fri 0720 (VM)
13434.0 XPH 648x3 1 02973 00163 AM 09/11/1999 Tue 0720 (VM)
13435.0 XPH 648x3 000 AM 02/11/1999 Tue 0720 (ANON)
13450.0 E05 //14448//13450 AM 07/11/1999 Sun 1700 (BUNKY)
13452.0 M42 JMS QTC 2/460 RTTY 02/11/1999 Tue 2243 (BUNKY)
13452.0 V05 //15651//13452 AM 05/11/1999 Fri 0100 (BUNKY)
13452.0 V05 //15651 rptg 073 Grupo 110 AM 10/11/1999 Wed 0100 (JM4)
13452.0 V05 // 15651.0 YL/SS - rptg. 073 grupo 110 AM 17/11/1999
Wed 0100 (LAZ)
13503.0 XPH 158X3 1 00397 00215. AM 26/10/1999 Tue 0620 (VM)
13533.0 E10 call-up EZI grp 10 //11565 AM 03/11/1999 Wed 0430

13533.0 E10 call-up EZI grp 28 //17410 AM 03/11/1999 Wed 0530
13533.0 E10 Grp 28 //17410. AM 03/11/1999 Wed 0530 (SD)
13533.0 E10 call-up EZI2 //11565 AM 06/11/1999 Sat 0500 (AN AUS)
13533.0 E10 call-up EZI2 //11565 AM 07/11/1999 Sun 0500 (AN AUS)
13555.0 E05 //15732 rptg 340 Count 215 AM 05/11/1999 Fri 1400 (JM4)
13555.0 E05 //15732//13555 AM 19/11/1999 Fri 1400 (BUNKY)
13555.0 E05 Counting station, id 340. USB 20/11/1999 Sat 2307 (AB)
13750.0 V13 AM 05/11/1999 Fri 1400 (JM4)
13906.0 E05 call-up 442 grp 215 //15732 alarm tones fr prev hr AM
24/11/1999 Wed 1200 (AN AUS)
14421.0 V05 //12300.5 rptg 580 Grupo 124 AM 02/11/1999 Tue 0300
14421.0 V05 //12300.5 rptg 382 Grupo 222 AM 20/11/1999 Sat 0300
14421.0 V05 //12300.5 YL/SS - rptg. 382 or 682, grupo ??? AM
23/11/1999 Tue 0300 (LAZ)
14421.0 V05 //12300.5 YL/SS - rptg.382 grupo ??? AM 27/11/1999 Sat
0300 (LAZ)
14421.0 V05 //12300.5 rptg 382 Grupo 222 AM 30/11/1999 Tue 0300
14484 E05 Counting station. //21620. AM 29/10/1999 Fri 0130 (IB)
14487.0 E03 21523 //16475 12603. AM 27/10/1999 Wed 1700 (HFD)
14487.0 E03 21523 //16475 12603. AM 28/10/1999 Thu 1800 (HFD)
14487.0 E03 51327 //16084 15682. AM 29/10/1999 Fri 1200 (HFD)
14487.0 E03 //15682//16084 rptg 44002 USB 05/11/1999 Fri 1400 (JM4)
14487.0 E03 //10426//12603 rptg 59610 USB 08/11/1999 Mon 1400 (JM4)
14487.0 E03 //10426//12603 rptg 91938 USB 15/11/1999 Mon 1400 (JM4)
14487.0 E03 //12603//16314 rptg 67845 USB 16/11/1999 Tue 1400 (JM4)
14487.0 E03 //12603 1116314 rptg 67845. USB 16/11/1999 Tue 1400
14487.0 E03 call-up 18663 //15682//16084 USB 22/11/1999 Mon 1205
(AN AUS)
14487.0 E03 USB 23/11/1999 Tue 1300 (GW)
14487.0 E03 USB 25/11/1999 Thu 1315 (GW)
14577.0 E05 call-up 035 grp 215 //16198 alarm tones fr prev hr AM
24/11/1999 Wed 1200 (AN AUS)
14646.0 M22 //6379//10356//18482 4XZ in tfc CW 30/11/1999 Tue 0200
(JM4)
14649.0 M22 //10356//18482 4XZ in tfc CW 05/11/1999 Fri 1400 (JM4)
14649.0 M22 //10356//18482 4XZ in tfc CW 15/11/1999 Mon 1400 (JM4)
14649.0 M22 //6379//10356//18482 4XZ in tfc CW 18/11/1999 Thu 0100
(JM4)
14649.0 M22 //6379//10356//18482 4XZ in tfc CW 29/11/1999 Mon 0100
(JM4)
14670.0 MALE RPT 3 CHAR 3 TIMES THEN RPT 1 CHAR 5 TIMES OFF
AT 1604 AM 25/11/1999 Thu 1600 (BUNKY)
14731.0 M42 BPA QRU //15651 RTTY 20/11/1999 Sat 1515 (BUNKY)
14739.0 E05 //16198//14739 AM 02/11/1999 Tue 1300 (BUNKY)
14739.0 E05 //16198//14739 AM 09/11/1999 Tue 1300 (BUNKY)
14739.0 E05 //16198//14739 AM 19/11/1999 Fri 1300 (BUNKY)
14843.0 M42 JMS QTC 2/460 RTTY 02/11/1999 Tue 2230 (BUNKY)
14930.0 M16 VVV 8BY 059/195/281/872/116. CW 20/10/1999 Fri 1040

14931.0 M16 //10248//12075 8BY 311/459 CW 02/11/1999 Tue 0140 (JM4)
14931.0 M16 //10248 8BY tfc 012/629 CW 20/11/1999 Sat 0240 (JM4)
14931.0 M22 //10248 8BY w/tfc 381/982/ CW 29/11/1999 Mon 0140 (JM4)
14941.0 M42 WNY TIKAS MSG RTTY 02/11/1999 Tue 1807 (BUNKY)
14980.0 M42 RAU QRU RTTY 13/11/1999 Sat 1410 (BUNKY)
14980.0 M42 RAU QRU RTTY 19/11/1999 Fri 1410 (BUNKY)
15651.0 V05 //13452 rptg 073 Grupo 110 AM 10/11/1999 Wed 0100 (JM4)
15651.0 V05 //13452.0 YL/SS - rptg. 073 grupo 110 AM 17/11/1999 Wed
0100 (LAZ)
15651.0 V05 AM 19/11/1999 Fri 0100 (GW)
15651.0 V05 //13452 AM 24/11/1999 Wed 0100 (BUNKY)
15651.0 V05 AM 26/11/1999 Fri 0100 (GW)
15682.0 E03 80795 //13375 11545. AM 05/10/1999 Tue 1600 (HFD)
15682.0 E03 51327 //16084 14487. AM 29/10/1999 Fri 1200 (HFD)
15682.0 E03 //14487//16084 rptg 44002 USB 05/11/1999 Fri 1400 (JM4)
15682.0 E03 call-up 18663 //14487//16084 USB 22/11/1999 Mon 1205
(AN AUS)
15682.0 E03 USB 25/11/1999 Thu 1315 (GW)
15732.0 E05 //13555 rptg 340 Count 215 AM 05/11/1999 Fri 1400 (JM4)
15732.0 E05 call-up 442 grp 215 //13906 alarm tones fr prev hr AM
24/11/1999 Wed 1200 (AN AUS)
15830.0 E06 Sked 715 Decode Key 943 Group Count 122 08456 72806
21247 AM 28/11/1999 Sun 1503 (DR)
16084.0 E03 51327 //15682 14487. AM 29/10/1999 Fri 1200 (HFD)
16084.0 E03 //14487//15682 rptg 44002 USB 05/11/1999 Fri 1400 (JM4)
16084.0 E03 call-up 18663 //14487//15682 USB 22/11/1999 Mon 1205
(AN AUS)
16198.0 E05 call-up 035 grp 215 //14577 alarm tones fr prev hr AM
24/11/1999 Wed 1200 (AN AUS)
16198.0 E05 //14739 AM 25/11/1999 Thu 1300 (BUNKY)
16314.0 E03 //12603//14487 rptg 67845 USB 16/11/1999 Tue 1400 (JM4)
16314.0 E03 //12603 //14487 rptg 67845. USB 16/11/1999 Tue 1400
16475.0 E03 21523 //14487 12603. AM 27/10/1999 Wed 1700 (HFD)
16475.0 E03 21523 //14487 12603. AM 28/10/1999 Thu 1800 (HFD)
16707.0 Sub chirp modulated. USB 02/11/1999 Tue 1700 (IE)
17050.0 M22 //10046 4XZ marker CW 05/11/1999 Fri 1400 (JM4)
17050.0 M22 //8437//10046 4XZ marker CW 08/11/1999 Mon 1400 (JM4)
17050.0 M22 //8437 4XZ marker CW 15/11/1999 Mon 1400 (JM4)
17050.0 M22 //8437//10046 4XZ marker CW 18/11/1999 Thu 0100 (JM4)
17050.0 M22 //8437//10046 4XZ marker CW 29/11/1999 Mon 0100 (JM4)
17050.0 M22 //8437//10046 4XZ marker CW 30/11/1999 Tue 0200 (JM4)
17410.0 E10 call-up EZI grp 28 //13533 AM 03/11/1999 Wed 0530
17452.0 E10 VLB2, //5629. AM 12/10/1999 Tue 1745 (HFD)
18176.0 E05 //19325. USB 25/11/1999 Thu 1600 (BR)
18176.0 E05 //19325//18176 AM 25/11/1999 Thu 1600 (BUNKY)
18176.0 E05 //19325 rptg 187 Group 55 AM 29/11/1999 Mon 1600 (JM4)
18373.0 M42 UDZ QTC QRU RTTY 25/11/1999 Thu 1500 (BUNKY)
18415.0 M16 VVV 8BY 532/992/533/708/449/682/706. CW 12/10/1999 Tue

1540 (HFD)

18482.0	M22	//10356//14649 4XZ in tfc CW 05/11/1999 Fri 1400 (JM4)
18482.0	M22	//10356 4XZ in tfc CW 08/11/1999 Mon 1400 (JM4)
18482.0	M22	//10356//14649 4XZ in tfc CW 15/11/1999 Mon 1400 (JM4)
18482.0	M22	//6379//10356//14649 4XZ in tfc CW 18/11/1999 Thu 0100 (JM4)
18482.0	M22	//6379//10356//14649 4XZ in tfc CW 29/11/1999 Mon 0100 (JM4)
18482.0	M22	//6379//10356//14646 4XZ in tfc CW 30/11/1999 Tue 0200 (JM4)
19088.0	M42	WNY TIKAS MSG RTTY 02/11/1999 Tue 1800 (BUNKY)
19325.0	E05	//18176 rptg 187 Group 55 AM 29/11/1999 Mon 1600 (JM4)
19884.0	E03a	//21866 rptg 33272 USB 02/11/1999 Tue 0100 (JM4)
19884.0	E03a	//21866 weak USB 10/11/1999 Wed 0100 (JM4)
19884.0	E03a	//21866 rptg 24447 USB 18/11/1999 Thu 0100 (JM4)
21456.0		"6895" s9-s9+10 with one slow fad to s6. USB 31/10/1999 Sun 2100 (GP)
21866.0	E03a	//19884 rptg 33272 USB 02/11/1999 Tue 0100 (JM4)
21866.0	E03a	//19884 weak USB 10/11/1999 Wed 0100 (JM4)
21866.0	E03a	//19884 rptg 24447 USB 18/11/1999 Thu 0100 (JM4)
22108.0	E03a	weak USB 18/11/1999 Thu 0000 (JM4)

Contributors:

AB	- Ary Boender, Netherlands
AK	- Axel Kruse, Germany
AN AUS	- Anonymous, E.Australia
ANON	- Anonymous, UK
BR	- Bob Roehrig, USA
BUNKY	- Bunky, ILL, USA
CM	- CM
CS	- Chris Smolinski, USA
DR	- Darren, UK
FvG	- Frank van Gerwen, Netherlands
GP	- Gunnars Postnieks, Latvia
GW	- Green Wyvern, TX, USA
HFD	- Hans-Friedrich Dumrese, Germany
HS	- Hugh Stegman, USA
IB	- Igor Buhtiyarov, Russia
IE	- Iron Eagle, Central Europe
JE	- Joerg Eberhardt, Germany
JJ	- Jimmy James (Capt. Davros), UK
JM4	- John Maky, USA
LAZ	- Lazerus, CA, USA
LB	- Lance Blank, NY, USA
MA	- Midatlanticdixer, USA
ME	- Mike/ENIGMA, UK
MF	- Mike Ford, UK
MW	- (mwiduj@aol.com) UK

PD - Paul Deyo, USA
PILE - Pile, Finland
PLOO - Henry-Frank Ploo, USA
RM - Richard Mekka, USA
SD - Simon Denneen, Australia
SD2 - Steffan Davies, UK
SG - Steve Gunn, UK
SW - Susan Wilden, USA
SY - Steve Yates, TX, USA
TE - Torbjorn Ericson, Sweden
TN - Tom Norris, USA
VM - Valeriano Martin, Spain
VW - Vince Weber, UK

-o-o-o-o-o-o-o-o-o-o-

The 'Numbers & Oddities' column a.k.a. 'Spooks Newsletter' comes to you courtesy of the Worldwide Utility News club. This newsletter may NOT be utilized, partly or wholly, in any other media format without the written permission of the editor (ary@luna.nl). Any breach of this may result in action under international copyright legislation.

To become a WUN member, send e-mail to the WUN listserver at: majordomo@qth.net and in the BODY of the message type: "subscribe wun" (without the quotation marks).

Check out the WUN web site at: <http://www.wunclub.com>

-o-o-o-o-o-conet-o-o-o-o-